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JANUARY 1963

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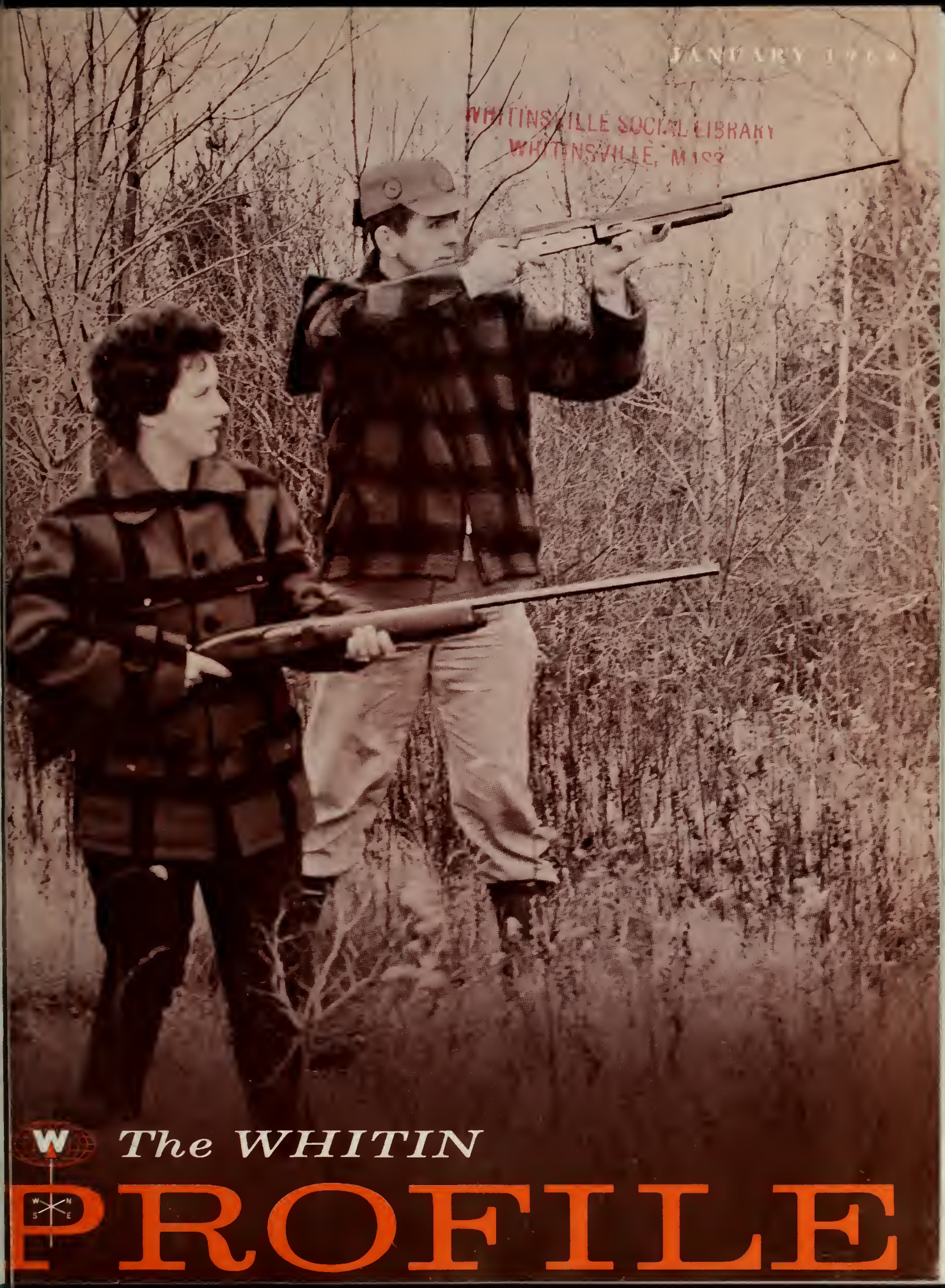

# The WHITIN PROFILE

The WHITIN
# PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

JANUARY, 1964
Vol. XVII, No. 1

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MALCOLM PEARSON... *Plant Photographer*

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## PUBLIC RELATIONS? WHO, ME?

Yes—you.

You don't have to be in the public relations department to be concerned in the company's relations with the public.

Whatever your job, the way you do it helps to make up the total impression the company makes on the public.

A faulty piece of work anywhere along the line . . . a poorly typed letter . . . an abrupt answer over the telephone . . . things like these may seem of little account.

But they are bound to affect our relations with the public, offsetting many of the good things we do.

For the fact is that our relations with the public, for better or for worse, depend on the sum total of what the company is—not on an "image" we might like to present.

And the sum total is made up of the thousands of things done by many people in every kind of job.

## WHITIN PERSONALITY

EDWARD B. POSTMA, Foreman of Machine Maintenance, has been absent from his work at Whitin only a few half days and no more than two full days in the last 38 years.

He was born in Whitinsville on January 30, 1905 and after attending local schools became an apprentice at Whitin in 1921. From the time he graduated in 1924 until 1945, he worked as a machinist on machine tool maintenance and assisted in building a variety of special machines used for manufacturing in the plant. For eight months, he instructed Charlotte Shop personnel in the latest methods of machinery maintenance.

For 15 years, Ed was supervisor of machine tool maintenance and in 1960 was promoted to foreman of the department.

In addition to his Whitin training, he attended night sessions at Worcester Boys Trade High School for five years learning drafting, shop mathematics and gearing design.

He completed a 14-week night course at Massachusetts Institute of Technology, on lubrication, oils and greases. He finished two extension courses with the University of Massachusetts covering applied mathematics and engineering.

Ed is married to the former Marie Berkowitz, and for the past 22 years they have lived in a home which they had built on Church Street, Whitinsville.

Ed is a member of the American Society of Lubrication Engineers, Boston Chapter, and serves on the Membership Committee. He is associated with the International Maintenance Institute and is a charter member of the Connecticut Chapter. He is a director of the Northbridge Taxpayers' Association and served on the planning board of the Blackstone Valley Regional Boys' Vocational High School.

His hobbies include color photography and salt water fishing. He is an avid reader of non-fiction, takes many automobile trips and is keenly interested in town government.

FRONT COVER: Hunting, like any sport, can be lots of fun provided all safety rules are faithfully followed. Ralph True and wife Judy, who often hunt together, make it a point to follow the safety commandments which have been listed on page 8.

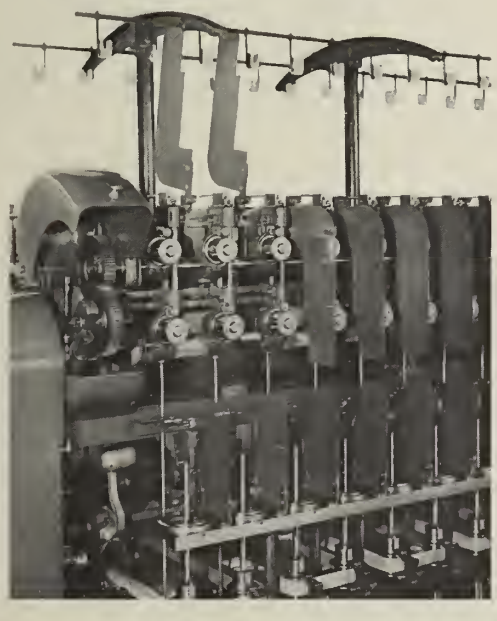
# nylon's 25th anniversary spotlights long dupont-whitin relationship

NYLON—first of the truly "man-made" fibers and the one which provided the major push for the sprawling man-made fiber industry—has celebrated its 25th birthday.

The milestone was passed on October 27, a quarter of a century after the DuPont Company introduced, "A new product with a new name—Nylon," to a New York World's Fair preview audience in 1938. The announcement came after what the company says was an investment of 11 years and $27 million in researching the possibility of creating a fiber from a combination of chemicals rather than from a combination of natural products and chemicals, as is the case with rayon. DuPont's nylon research program was launched in 1928 under the direction of Dr. Wallace Carothers.

In 1937, Whitin started designing what was to be the first operational Draw Twister for processing nylon. In concept and performance this machine was entirely different than conventional processing machinery for natural fibers. For example, the tolerances on the draw rolls and other components had to be held to one ten-thousandth of an inch (.0001″), a degree of accuracy hitherto never required on textile machinery.

Nylon's first commercial uses were modest ones—molded plastic type products, also brush bristles and fishing leaders. Its subsequent utilization as a textile filament fiber created for it its greatest impact on both economy and culture. Its superior qualities for the manufacture of hosiery is known and appreciated by women around the world, but its uses now cover a vast range of apparel, home furnishings, industrial, military and space age products.



A closeup of a head end section of an early model nylon draw twister

The first nylon plant in the world was begun in 1939 at Seaford, Delaware and was equipped with Whitin Draw Twisters. Limited production began in December of that year. A second similarly equipped plant began production in 1941 at Martinsville, Virginia.

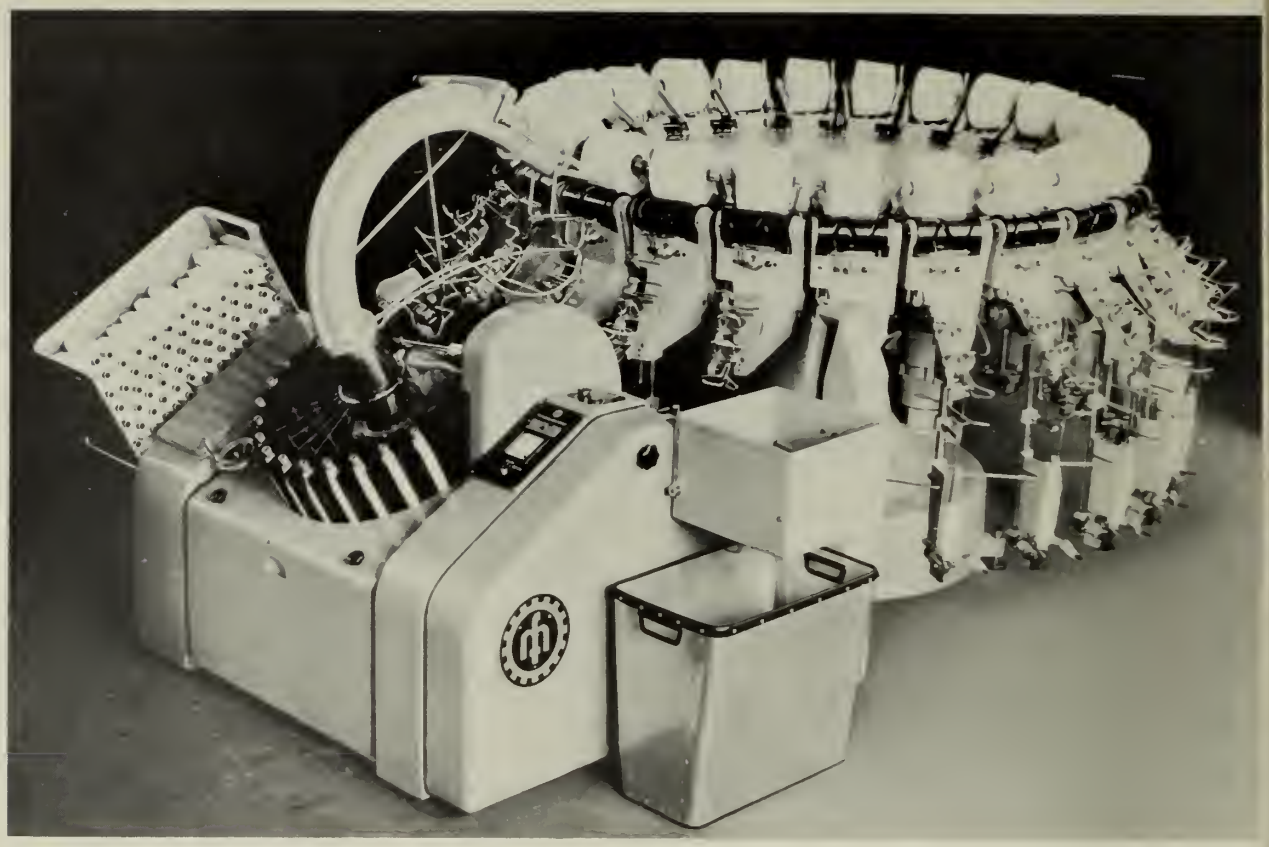
Not only did Whitin contribute materially to the early commercial success of nylon but the Foster Machine Company, now a Whitin subsidiary, also designed and developed precision winding equipment which was installed in these first DuPont plants.

From the very beginning, nylon's acceptance was sensational and DuPont was obliged to build many additional Whitin and Foster equipped plants to meet the demand. Today, nylon production has spread to 120 plants, operated by 112 different companies in 38 countries. Whitin and Foster machines are playing an important role in many of them. Approximately one-and-a-half billion pounds of nylon are produced annually, with the United States accounting for about 600 million pounds valued at approximately $900 million.

Despite its relative "old age" as a man-made fiber, nylon continues to excite textile and fashion experts. In fact, within the past two years, a new wave of popularity for nylon and nylon products has surprised even nylon producers who had began to express disappointment at a lack of new developments of the fiber.

Everyone who had thought nylon would be lost in the shuffle had reckoned without its great versatility. Techniques were developed by textile scientists and engineers to modify the basic fiber's chemical and physical structure. Special types were developed for special needs, and its basic strength and versatility were expanded far beyond original dreams.

One example of nylon's booming development in its 25 years of existence has been the DuPont company's experience. DuPont now produces 44 types of nylon, including 1,200 different variations of the original fiber.



The new Foster-Muller automatic cone winder

# WHITIN to assist FOSTER in production of new winder

THE NEW Foster-Muller Automat, the perfected automatic cone winder, developed by Franz Muller Maschinenfabrik of Monchengladbach, Germany and built and sold under license by the Foster Machine Company, Westfield, Massachusetts, is now in production in our Whitinsville Division.

The overwhelming response to this equipment at the Greenville, Knitting Arts and Hanover Exhibitions, together with the enthusiastic reports and reorders coming in from European installations, led management to believe that the pent up demand of the American Textile market would exceed the top production capacity at the Foster Division.

In order to satisfy these demands in the shortest possible time, production facilities of our Whitinsville Division are being adapted to the manufacture of this new product. Responsibility, sales, service, and the engineering of this equipment will remain with Foster and will be under the direction of Foster personnel.

The winder will be erected on the Picker floor where conveyors and other modern equipment will be used to expedite the building of this new machine. When production reaches full capacity about one-sixth of our labor force will be engaged in making parts and erecting this equipment. The production of parts, which started in the latter part of November, currently is being done in many departments throughout the plant.

The first completed machine in January, will be used by the Foster Company for demonstration purposes. It is expected that the first customer machine will be completed in late February or early March.

This perfected automatic cone winder's contribution to today's textile manufacturer's progress can hardly be over-stated.

Economically it offers the possibility of winding high quality packages at approximately one-fifth the labor cost and three times the winding speed of manual winders.

# FERRY Products Mean New Jobs At WHITIN

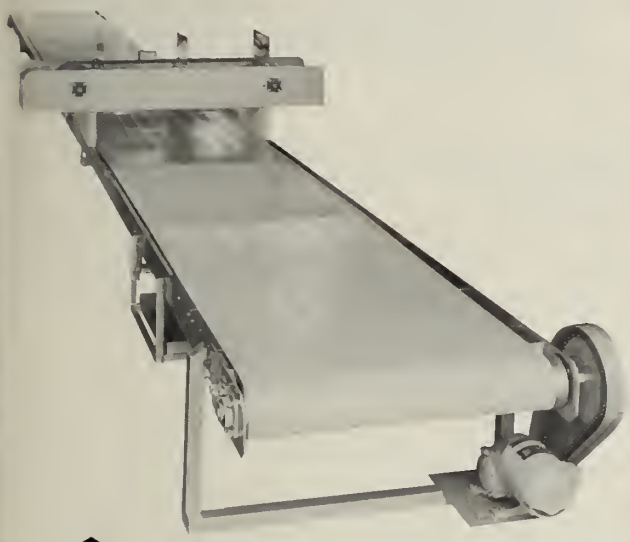
The J. D. Ferry Company, Harrisburg, Pennsylvania, a Whitin subsidiary, is using some of the manufacturing facilities of our Whitinsville Division to make a variety of units and component parts for their potato chip machines.

As a result of recent orders from J. D. Ferry, the Steel Fabricating Department is presently building 18 weighing hoppers and 28 potato peelers. This department has already completed 7 chutes as well as 7 conveyors which measure in length from 11′–6″ to 60′.

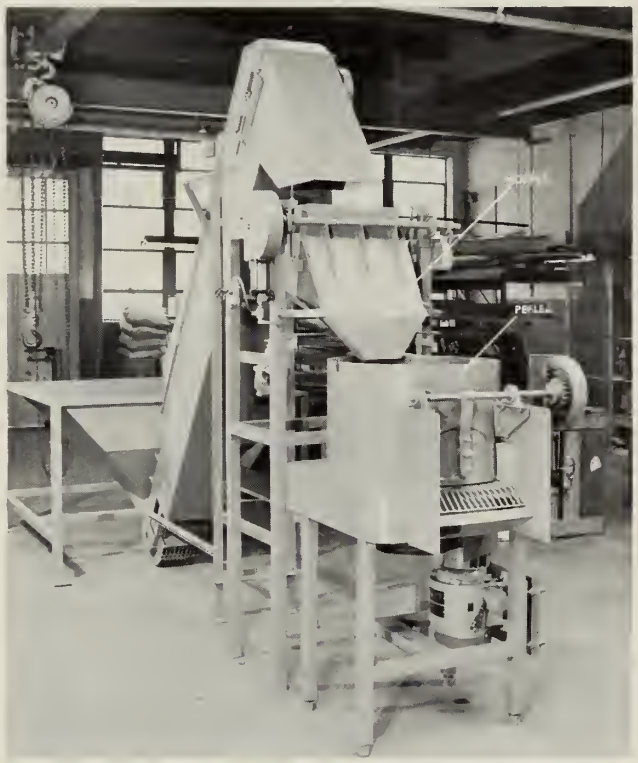
Other departments which will be doing some of this work will be the Duplicator Assembly Department which will build 10 potato slicers and 5 salters.

The machining for all of these units and component parts will be done in Department 411, Planer Job, Milling Job, Chuck Job, Lathe & Grinder Job, Roving Small Parts Department and the Tool Job.

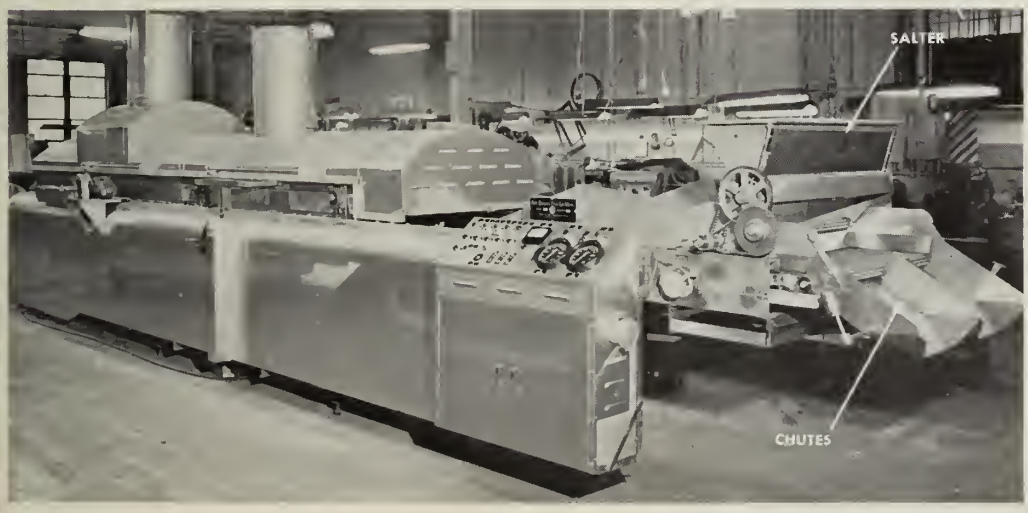
The J. D. Ferry Company, Inc., is the originator of automatic chip making equipment and the leader of the industry. Hundreds of potato chip manufacturers in all parts of the world rely on dependable Ferry machines to produce chips of the highest quality.



Conveyors which move pototo chips from one area to another are from 11′–6″ in length to 60′ long and are made also in the steel fabricating department

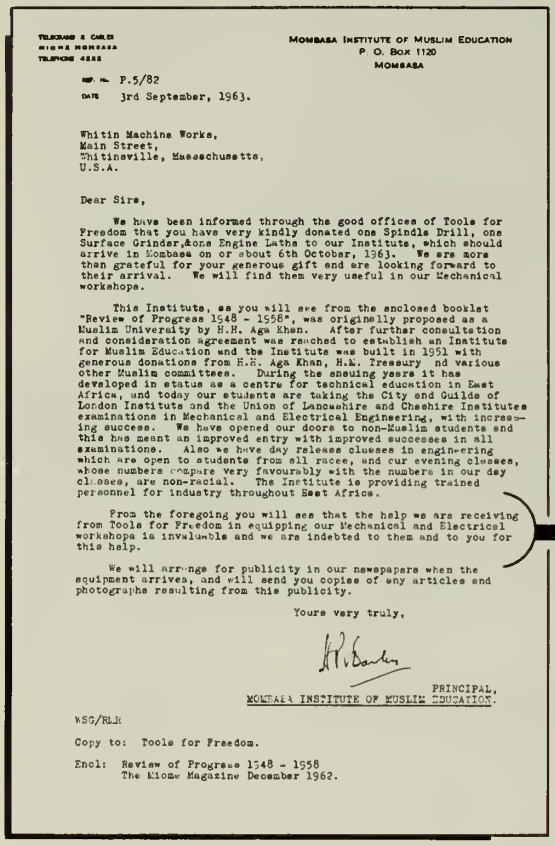



Potato weighing hoppers ond peelers are mode in the steel fabricating department




Salter and chutes shown connected to frying machine are monufactured in our Whitinsville plant. Chutes are made in steel fabricating department and salters are assembled in the Duplicator assembly area

# WHITIN RECEIVES "TOOLS FOR FREEDOM" AWARD



TELEGRAMS & CABLES
MIOME MOMBASA
TELEPHONE 4888

MOMBASA INSTITUTE OF MUSLIM EDUCATION
P. O. BOX 1120
MOMBASA

REF. No. P.5/82
DATE 3rd September, 1963.

Whitin Machine Works,
Main Street,
Whitinsville, Massachusetts,
U.S.A.

Dear Sirs,

We have been informed through the good offices of Tools for Freedom that you have very kindly donated one Spindle Drill, one Surface Grinder, one Engine Lathe to our Institute, which should arrive in Mombasa on or about 6th October, 1963. We are more than grateful for your generous gift and are looking forward to their arrival. We will find them very useful in our Mechanical workshops.

This Institute, as you will see from the enclosed booklet "Review of Progress 1948 - 1958", was originally proposed as a Muslim University by H.H. Aga Khan. After further consultation and consideration agreement was reached to establish an Institute for Muslim Education and the Institute was built in 1951 with generous donations from H.H. Aga Khan, H.M. Treasury and various other Muslim committees. During the ensuing years it has developed in status as a centre for technical education in East Africa, and today our students are taking the City and Guilds of London Institute and the Union of Lancashire and Cheshire Institutes examinations in Mechanical and Electrical Engineering, with increasing success. We have opened our doors to non-Muslim students and this has meant an improved entry with improved successes in all examinations. Also we have day release classes in engineering which are open to students from all races, and our evening classes, whose numbers compare very favourably with the numbers in our day classes, are non-racial. The Institute is providing trained personnel for industry throughout East Africa.

From the foregoing you will see that the help we are receiving from Tools for Freedom in equipping our Mechanical and Electrical workshops is invaluable and we are indebted to them and to you for this help.

We will arrange for publicity in our newspapers when the equipment arrives, and will send you copies of any articles and photographs resulting from this publicity.

Yours very truly,

PRINCIPAL,
MOMBASA INSTITUTE OF MUSLIM EDUCATION.

WSG/RLR

Copy to: Tools for Freedom.

Encl: Review of Progress 1948 - 1958
The Miome Magazine December 1962.

From the foregoing you will see that the help we are receiving from Tools for Freedom in equipping our Mechanical and Electrical workshops is invaluable and we are indebted to them and to you for this help.

Clayton W. Adams (right), Manufacturing Manager, receives plaque from Philip M. Morgan, Chairman of the Tools for Freedom Committee of Associated Industries of Massachusetts. The presentation was made at the AIM Annual Meeting in Boston

The Whitin Machine Works has received a "Tools for Freedom" Award for participating in the unique, private enterprise "people to people" program through which Massachusetts manufacturers and others contribute machinery, equipment and services to aid technical school students in developing countries to become self-sustaining.

The seven used machines, which Whitin contributed to the "Tools for Freedom" program, were shipped to technical schools in East Africa, Colombia, North Africa and Bolivia. The machinery, which included 2 lathes, 2 upright drills, a punch press, a hand miller, and a surface grinder, weighed a total of 10,000 pounds.

The above letter of appreciation has been received from the Principal of the Mombasa Institute of Muslim Education in Mombasa, East Africa.

*The strongest element in the future prosperity of the individual and the nation*

FREE

# ENTERPRISE

*. . . an inseparable part of our freedom.*

*"The greatest menace to freedom is an inert people"*

Justice Brandeis

## TO EACH HIS OWN

No matter how you interpret the Constitutional paragraph that gives "Congress the power . . . to . . . provide for the . . . General Welfare of the United States" it still gives every man the right and responsibility to look after his own.

## SHORTER WORK WEEK

Between 1900 and 1930 the average hours worked per week was reduced 13 hours from 56 to 43.

In an era of so-called "social legislation to protect the worker" from 1930 to 1962, the average hours worked per week dropped just 3 hours, from 43 to 40.

Why did hours drop more between 1900 and 1930?

For the same reason the average man with a power mower can mow his lawn in half the time it took him 20 years ago—INCREASED PRODUCTIVITY with MORE EFFICIENT EQUIPMENT.

## STEADY PROFITS, STEADY WAGES

Samuel Gompers, early leader in the United States labor movement, said "The greatest crime a business can commit against its employees is to fail to make a profit."

Profit, therefore, deserves the protection of every wage earner. Only with sound continuing profits can an employer attract the investment capital to provide efficient modern tools to help his employees produce high quality, low-cost goods.

Only with high quality, low-cost goods, can an employer attract sufficient customers to produce continuing profits and assure steady wages.

## ONE IN SIX ADULT AMERICANS A STOCKHOLDER

American wage earners have a big share in the free development of American business. A census of share owners reveals that one out of every six adult Americans is a stockholder, compared with one in 16 ten years ago. Another 120 million Americans are indirect stockholders through the ownership of life insurance policies or savings accounts.

The capital that supplies the muscle for America's economy spreads profit to millions of American wage-earners.

But do Americans understand Capitalism?

Indianapolis youngsters found that many do not.

High school seniors recently asked 100 people, selected at random "What is Capitalism?"

Six people gave good answers and six more showed a glimmer of understanding of the subject.

Some of the answers:

Four teachers (!): "I don't know."

Store owner: "Capitalism is only for big business."

Average worker: "Capitalism is big business and big money."

## BIG—BIGGER—BIGGEST

Despite the fact that many people have an uneasy distrust of anything big, our Federal Government is the biggest spender, the biggest employer, the biggest property owner, the biggest tenant, the biggest insurer, the biggest lender and the biggest borrower in all the world . . . and we find a growing impatience on the part of many holding high office in our land to make government even bigger.

## TO PROVIDE ONE JOB

Creating just *one* job in industry requires an average investment of $17,600 in necessary plant and machinery. Only profitable companies can attract savers and investors to help them expand and create new jobs.

Just to provide steady jobs a company must constantly re-invest its profits in new machinery and equipment. In a recent survey the New York Telephone Company found that, out of 50 businesses, the 25 most profitable had *increased* employment 11 per cent between 1958 and 1961. The 25 less profitable companies had a *drop* in employment of 17 per cent during the same period.

And, incidentally, the people who invest the $17,600 for new machinery get less return on their money than the employee who uses it.

# HUNT WITH CAUTION!!!

HUNTING game during the fall and winter months is a favorite pastime for many Whitin people but unless extreme caution is used at all times serious accidents can occur.

Demonstrating the right and wrong ways to handle firearms while hunting are Bob Fougere of the Traffic Department and Arthur Jones of the Order Administration Department.

When using firearms avoid accidents by practicing these common sense cautions:

1. *Treat every gun with the respect due a loaded gun.*
2. Watch that muzzle! Carry your gun safely; keep safety on until ready to shoot.
3. *Unload guns when not in use, take down or have actions open; guns should be carried in cases to shooting area.*
4. Be sure barrel is clear of obstructions, and that you have ammunition only of the proper size for the gun you carry.
5. *Be sure of target before you pull trigger; know identifying features of game you hunt.*
6. Never point a gun at anything you do not want to shoot; avoid all horseplay.
7. *Never climb a tree or fence or jump a ditch with a loaded gun; never pull a gun towards you by the muzzle.*
8. Never shoot a bullet at a flat, hard surface or water; at target practice be sure your backstop is adequate.
9. *Store guns and ammunition separately, beyond reach of children.*
10. Avoid alcoholic beverages before and during shooting.

When loading a gun you should never have it pointing at another person

When going over a wall or through a fence you should not carry your gun across at the same time

Always point the gun away from other persons while loading

When climbing over a wall first lay your gun carefully on a flat surface of the wall or hand it to a companion

# EXERCISE DAILY ENJOY LIFE

by

Harold Case

Mrs. Louise Lash, left, instructing a group of women in colisthenics

What you see here in these two pictures are some individuals who believe in physical exercise and are doing something about it. I will agree that once a week at the Gym won't accomplish wonders but, the secret is to spend a little time each day going through some of the exercises that are given on the floor. The Canadian Armed Services have published a booklet with a series of graded daily exercises and for the women only eleven minutes a day are needed and fifteen for men. That's less time than it takes to fix your hair, or shave, or polish nails, iron a blouse or even shine a pair of shoes. All these things are done to make a presentable appearance so why stop there? Sure, a little more effort is needed to get in shape, but you reap the reward.

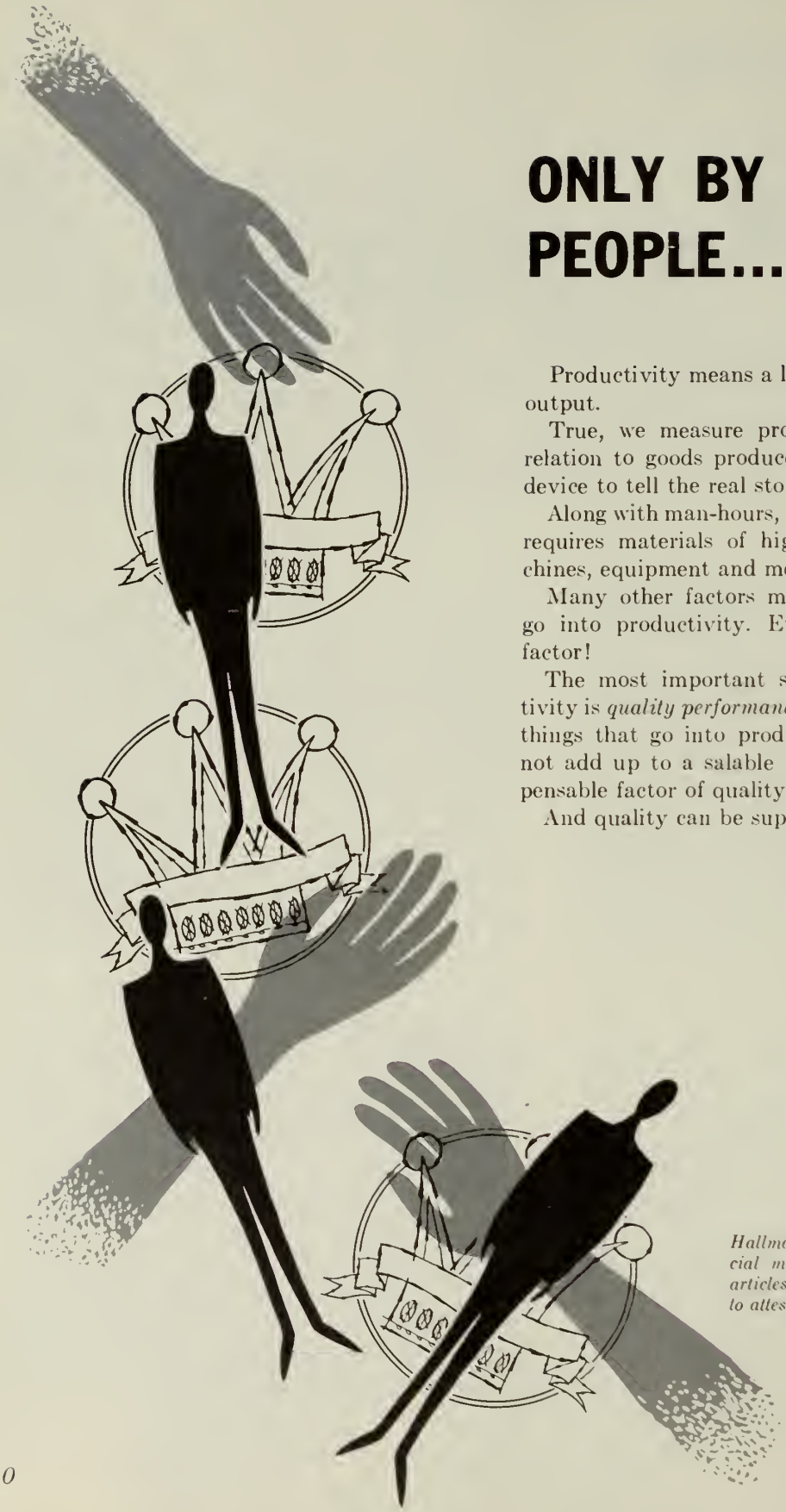
Sometimes, it seems that people cannot really see the forest for the trees. By that is meant that many more persons from outside of this locality are using the Gym facilities each year and without exception practically everyone says "I wish we had something like this in our town." People nearby take it for granted. This past summer there were a great number of car pools bringing youngsters to the Gym for swimming lessons. One group traveled from Westboro and seldom missed a day. Upton was well represented and Milford could have supported a bus route. Hundreds of local boys and girls attended swimming classes also, but a lot of them will not be in throughout the winter on a regular basis and that is a big mistake. Once an individual has learned to swim the skill is always there but unless used there is no improvement. If you are a parent make every effort to have your young swimmer pay regular visits to the pool.

The Gym has something for almost everyone though the emphasis is on Gym floor activities and swimming. There is dancing instructions for Junior High students. There is roller skating for all ages and it would be pleasing to see more adults skating. A camera club is being re-activated and if you are interested get in touch with Walter Departie. Art classes for adults meet on Wednesday evenings with Fred Demars instructing. There is a program for those who shun physical activity, or who should not be too active physically. Scuba classes will start in the fall and here is a chance to learn this fascinating sport and one which is growing almost as fast as recreational boating has done in the last five years or so.

What suits your fancy? Call CE 4-2349. You will fit in somewhere!

Mrs. Clare Stuort gives swimming instructions to beginners while others participate in the popular fifty-mile swim, a Red Cross physical fitness program

# ONLY BY PEOPLE...



Productivity means a lot more than man-hours and output.

True, we measure productivity by man-hours in relation to goods produced. But this is too simple a device to tell the real story of productivity.

Along with man-hours, the making of a good product requires materials of high standards, the best machines, equipment and methods.

Many other factors make up the "in puts" that go into productivity. Even the weather can be a factor!

The most important single ingredient in productivity is *quality performance.* You can take all the other things that go into productivity and they still may not add up to a salable product—without the indispensable factor of quality.

And quality can be supplied *only by people.*

*Hallmark of quality: originally, the official mark stamped on gold and silver articles at Goldsmiths' Hall in London to attest their purity.*

# Honor Roll

Burnham R. Caak
Plant Engineering
30 Years

Eugene Closson
Production Processing
30 Years

Harry E. Drinkwater
Manufacturing Manager's Staff
30 Years

Kenneth H. Macamber
Spindles
25 Years

## November–December

### 25 Years

**Rita Baillargeon,** Order Administration
**M. Doris Blouin,** Treasurer's Office

### 20 Years

**Noel Arel,** Milling
**Anthony J. Campo,** Large Planers
**Albert Cupka,** Flyers, Rov. Spdls., Cover. & Clear.
**Harry Czerkowicz,** Chucking
**Douglas A. Farley,** Chucking
**Rene Guilbert,** Packing, Shipping & Receiving
**Edward J. Magiera,** Large Planers
**Doris O. McCray,** Steel Cut-Off and Storage
**Joseph F. Novack, Jr.,** Top Rolls
**Earl T. Racicot,** Traffic
**Elwin L. Salley,** Milling

### 15 Years

**Mary E. Anderson,** Mfg. Production Engineering
**Herbert Ashworth, Jr.,** Manufacturing Standards
**Marilyn R. Blair,** Manufacturing Standards
**Ann Cupka,** Production Stores
**Helen Dagirmanjian,** Production Manager's Staff
**David A. Demarais,** Plant Security
**Thomas R. Gilchrist,** Outside Erecting
**Herman R. Hathaway,** Steel Fabricating & Tin Cyl.
**Joseph M. Kostka,** Customer Demonstration & Fibre Lab.
**Philip A. Parks,** Heat Treating
**Charles H. Peix,** Industrial Relations
**Catherine Reeves,** General Accounting
**Edward Reeves,** Mfg. Production Engineering
**Paul S. Wheeler,** Mfg. Production Engineering
**Donald F. White, Sr.,** Manufacturing Manager's Staff

### 10 Years

**Marion A. Hutcheson,** Product Engineering
**Francis R. Scott,** Power House

### 5 Years

**Dorothy I. Albin,** Data Processing
**Henry N. Boudreau,** Tool Room
**Helen W. Burroughs,** Production Processing
**Gertrude M. Crawford,** Purchasing
**Barbara A. Dodge,** Data Processing
**Gloria W. Rauth,** Office Management

# PIONEERS IN TEXTILES

## COUNT HILAIRE DE CHARDONNET

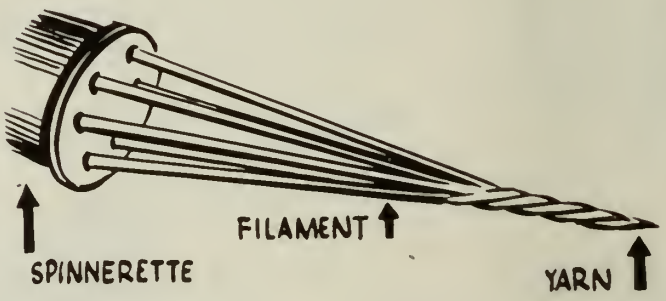
For a number of years, scientists had been looking for ways to produce artificial fibers, but Count Hilaire de Chardonnet, a Frenchman, was the first to succeed in producing one commercially.

De Chardonnet began his experiments in 1878, and in 1882 produced "*artificial silk*" made from a pulp of mulberry leaves which was coagulated or made solid by heated air.

At the Paris Exposition in 1889 he exhibited articles made from these *artificial* fibers. Much interest was shown in this man-made fiber and the Count secured enough financial backing to build a factory at Besancon, France where first commercial production began in 1891.

Thus De Chardonnet today is recognized as the father of rayon, the forerunner to the great number and wide variety of man-made fibers in use in the textile industry today.

The key of chemical spinning is the spinnerette —a thimble- sized platinum device containing fine holes which range from 2/1000 to 5/1000 of an inch in diameter.




Each hole in the spinnerette forms one filament or strand and all filaments from one spinnerette combine to make a strand of yarn.

*Workers are killed more often in accidents off the job than on, according to the National Safety Council. It says 31,800 workers die annually off the job as compared with 14,200 on-the-job accidental deaths.*

# Jest a Joke

"How long did you know your wife before you were married?"

"I didn't know her at all . . . I only thought I did."

* * *

After saying his usual bedtime prayers, little Johnny was heard shouting out this petition:

"And, dear God, I pray that I will get a new bicycle for my birthday and an electric train for Christmas, if it isn't too much trouble."

"What are you shouting for?" asked his mother, "God isn't deaf."

"I know," said little Johnny, "But grandma is!"

* * *

In December his name is Santa. In January it's Bill.

* * *

He could not have been over four, the little boy who stood in front of the lost and found desk during the Christmas rush. There were traces of hastily wiped tears on his chubby face, as he inquired, "Has any mother been turned in yet this morning?"

* * *

The caddies in golf tournaments, according to Gary Player, top pro, often become like fight managers. After one tournament his caddy was asked what had happened, and Player heard him say: "We took a par 4 on the first hole, then we made two birdie threes. We made pars on the next four holes, but then on the eighth hole Mr. Player blew up and took a lousy seven!"

* * *

The professor's wife decided to raise some fancy chickens as a hobby. She didn't have good luck. Finally someone told her that Congressmen distribute free information about farming so she wrote this letter:

"Dear Sir:

"Every morning I find one or two of my prize chickens lying stiff and cold upon the ground with their legs in the air. Would you be kind enough to tell me what is the matter?"

A few days later she got this reply:

"Dear Madam:

"Your chickens are dead."

* * *

"Do you," the judge asked the groom, "take this woman for better or for worse, through sickness and health, in good times and in bad, whether she be . . ." "Darn it, Judge," broke in the bride tearfully, "You're gonna talk him right out of it!"

* * *

During a recent heat wave, a church in a small southern community featured this comment on its bulletin board: "You think it's hot here?"

* * *

A man had been tormented for years by nightmares. Whenever he went to sleep, he dreamed that grotesque animals and reptiles were rushing in and out from under his bed. Finally he told a friend that he had been cured.

"I told my brother about it," he said, "and he stopped it."

"Is your brother a psychiatrist?"

"No, he's a carpenter," the man replied. "He sawed the legs off my bed."

# News Roundup

## WHITIN OFFICIAL COMPLETES NISA PROJECT IN WASHINGTON

Mr. George P. Putnam, Chief Manufacturing Engineer at the Whitin Machine Works, recently completed his duties as a member of the Evaluation Committee of the National Industrial Security Association.

In February 1963 the NISA was invited by the U.S. Army Matériel Command (AMC) to review the quality assurance organization, policies, procedures and practices of the AMC to insure that its products fulfilled the mission established by the Department of Army with optimum economy. The 9-month study began on February 6.

One hundred and sixteen (116) professional quality control experts from 100 major American industries participated on a voluntary basis in the program. Divided into 11 task teams these men visited AMC command positions throughout the nation to observe the AMC quality assurance system at work.

Ralph and Gladys George received quite a surprise when the guests they invited for dinner on Thanksgiving arrived at their cottage on Cape Cod dressed in the spirit of the first Thanksgiving. Mr. Ganter, pictured with daughter Marcia, son Donald and Mrs. Ganter, is Ralph's brother-in-law

Mr. Putnam played a major role in coordinating the committee's findings and conclusions and in organizing its final report identified as "Operation Evaluation Program" which was submitted to Lt. Gen. Frank S. Besson, Commanding General (AMC) and his staff at the Army-Navy Club in Washington, D.C. Accompanying the reading of the report was a graphic presentation of its highlights, findings and recommendations.

Mr. Putnam's broad background of experience in quality control work was gained through his affiliation with Curtis Wright Corp., Westinghouse Electric and Mack Trucks, Inc. prior to joining Whitin in 1960.

## *50th Wedding Anniversary*

Mr. and Mrs. Perley S. Chesley of 14 Calumet Court, Uxbridge, recently observed their 50th wedding anniversary. She is the former Sadie K. Cook, and he is a retired machinist for Whitin Machine Works.

Residents of Uxbridge for 43 years, they have six children: Mrs. Olivia Henderson of Whitinsville; Mrs. Ruby Robertson of Norfolk, Va., Clifford Chesley of Sutton, and Mrs. Erva Longmuir, Mrs. Nita Newhall and Leonard Chesley of Uxbridge.

## WAY OUT . . . IN SPACE

Expansion of textile industry research and the space age's need for textiles are combining to help the nation's yarn and cloth industry find a prominent role in man's search for knowledge beyond the limits of Earth's atmosphere.

In fact, space age success is closely linked with sweeping advances in textile technology, it was pointed out recently at the 42nd annual meeting of the American Association of Textile Chemists and Colorists. About 1,800 scientists attended the meeting and heard a number of speakers say that new fibers and different production techniques will be necessary before man can move into the deep reaches of outer space.

*(Continued on next page)*

## *Is He All Right?*

Happily, this time, the answer is yes. But 250,000 times each year in this country, the answer is a heartbreaking, fearful no.

Why does something go wrong when these tiny bodies are being formed? Why is a seriously defective child born to one out of every ten American families?

Can more of these children be helped with present medical knowledge?

What more do we need to know to prevent this from happening to babies not yet born?

Answers to these questions are being sought in nationwide programs supported by your contributions to The National Foundation-March of Dimes—the largest single source of private support for birth defects research and care in history. These answers will help prevent birth defects, a problem concerning every family, everywhere.

**Fight Birth Defects**
THROUGH THE
**MARCH OF DIMES!**

"Textiles play a vital role in future space operations," one scientist told the group, "because they can be packaged into a small volume prior to use. They are being considered for space suits, space stations, solar energy collectors, re-entry decelerators and numerous other essential space systems."

The speaker also pointed out that fibers already available can be used in some of the space systems he mentioned. However, he added that completely new materials and techniques are going to be needed for other systems.

Presently, he said, considerable research is underway on improvement of glass fibers and the development of fabrics from fine wire yarns. Both seem to hold a great deal of promise, but he cautioned that production machinery and techniques will have to be modified a great deal before either advanced glass fibers or fine wire fibers can be used in great quantities.

The textile industry, aware of space age needs as well as growing consumer demands, has stepped up its own research and development facilities tremendously in the past few years.

A recent report from the National Science Foundation shows that the combined textile and apparel industry increased its funds for research and development from $13 million in 1957 to $34 million in 1962. The total will be even greater in 1963, and most industry observers expect the total to keep climbing each year in the foreseeable future.

The combined textile and apparel industry has also almost doubled the number of full-time research and development scientists and engineers in the past six years. The National Science Foundation's report on research and development shows that the industry had only 700 full-time research and development scientists and engineers in January 1957, compared with 1,200 in January 1963. Only three other major industry groups mentioned in the report had such comparably large gains.

Concern for future needs and the industry's increasing interest in research and development are both indications that textile manufacturing intends to remain as one of the nation's modern, progressive industries.

## PARENTS DON'T LET THEM QUIT

Parents of high school students have a chance to make this year worth an average of $17,500 apiece to their children. It is a startlingly large sum for a teen-ager to get for a year's effort. Many persons highly skilled make far less. But if parents keep their children in school this year, they can reasonably expect them to earn an average of $17,500 more over their working lives than if they dropped out, according to the Chamber of Commerce of the United States. A full four years of high school would be worth $70,000 extra.

Youths who drop out, moreover, may drift from one job to another throughout their lives. For educated persons, good, permanent jobs are plentiful.

The problem is critical. About one million youths will quit this year unless parents, friends, teachers, businessmen, and others act to help the waverers now.

MYSTERY PHOTO—In December, it was Dick Hare of the Research Division. Look among the assistant foremen for the fellow on the right

## WHAT'S WRONG WITH THIS PICTURE ?

## In Memoriam

Ysbrand Brouwer, 87, died on November 24. He was a Whitin employee for 40 years before his retirement in 1953. Two of his sons, William and Benjamin, are employed at Whitin.

Robert Laliberty, 25, died on November 13, a victim of a hunting accident. He was a turret hand in Department 411.

Eunice M. Gaddas, 64, of Hillsboro, N.H., died on November 7. She leaves a brother, Wallace of the Power Plant, and a nephew, Roy, of the Research Division.

# Start the NEW YEAR Right!

# The WHITIN PROFILE

FEBRUARY 1964

The WHITIN
PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

FEBRUARY, 1964
Vol. XVII, No. 2

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## MR. COOLEY'S BILL

The House of Representatives recently passed a bill, proposed by North Carolina's Representative Harold D. Cooley, to eliminate the two-price cotton system. The Senate will be asked to approve this cotton bill in the very near future.

The Senate should get on very promptly with the business of passing the Cooley Bill, for if there has ever been an unfair burden created for an American industry, it is the two-price cotton system. American textile companies, under the present rules, are forced to pay $42.50 per bale more for American cotton than foreign manufacturers pay for it.

This two-price system affects everyone in the textile industry including the manufacturers of textile machinery. The United States is losing its foreign market as well as some of the domestic market and hence is finding it difficult to make profits with which they can buy textile machinery.

## WHITIN PERSONALITY

CHARLES R. MALKASIAN, Foreman of the Chucking Departments, was born in Whitinsville on February 26, 1916.

When he was eleven years of age his family moved to Newton, Mass., where Charlie graduated from high school and from Newton Tech as a journeyman electrician.

In 1935, the Malkasian family returned to live in Whitinsville and Charlie started his employment at Whitin on the Chuck Job. While his first job was to be only a temporary one he has been in the Chucking Departments for the last 28 years. He came up through the ranks to his present position. He was a machine operator for one year, a setup man four years, a department group leader 12 years and for eight years served as an assistant foreman in Department 417. He has been foreman of the Chuck Job and Automatic Chuck Job for three years. The two departments employ an average of 75 people.

Charlie is particularly noted for his keen memory. Once having memorized the number of a part and its operation he can recall it to memory without consulting records. He enjoys being a foreman and finds his work challenging. Not too long ago, he completed a three-year correspondence course in Industrial Engineering.

He is married to the former Rose Krous from East Douglas. Their son, Paul, 24, graduated from Holy Cross with an A.B. degree and holds a Masters Degree in History from Harvard University. He is a teacher at Shrewsbury High School.

Charlie and Mrs. Malkasian live at 123 East Street, Whitinsville in a house which was purchased from the Company.

Charlie's favorite pastime is playing golf at the Whitinsville Golf Club where he has a handicap of 7. He has served on the Tournament Committee at the Club for five years, two years as chairman. He is a past coach of the Northbridge Little League and Intermediate League. When not playing golf he enjoys working on his lawn and shrubbery at his home. Charlie says his pet peeve is listening to sportscasters on television praise their favorite football team, at the same time ignoring the opponents.

FRONT COVER—Cotton is in a crisis situation. And the effects of the situation are far reaching. An editorial on the subject is on this page.

# WASTE...

## You Can't Afford It

Waste takes a terrible toll of American industry.

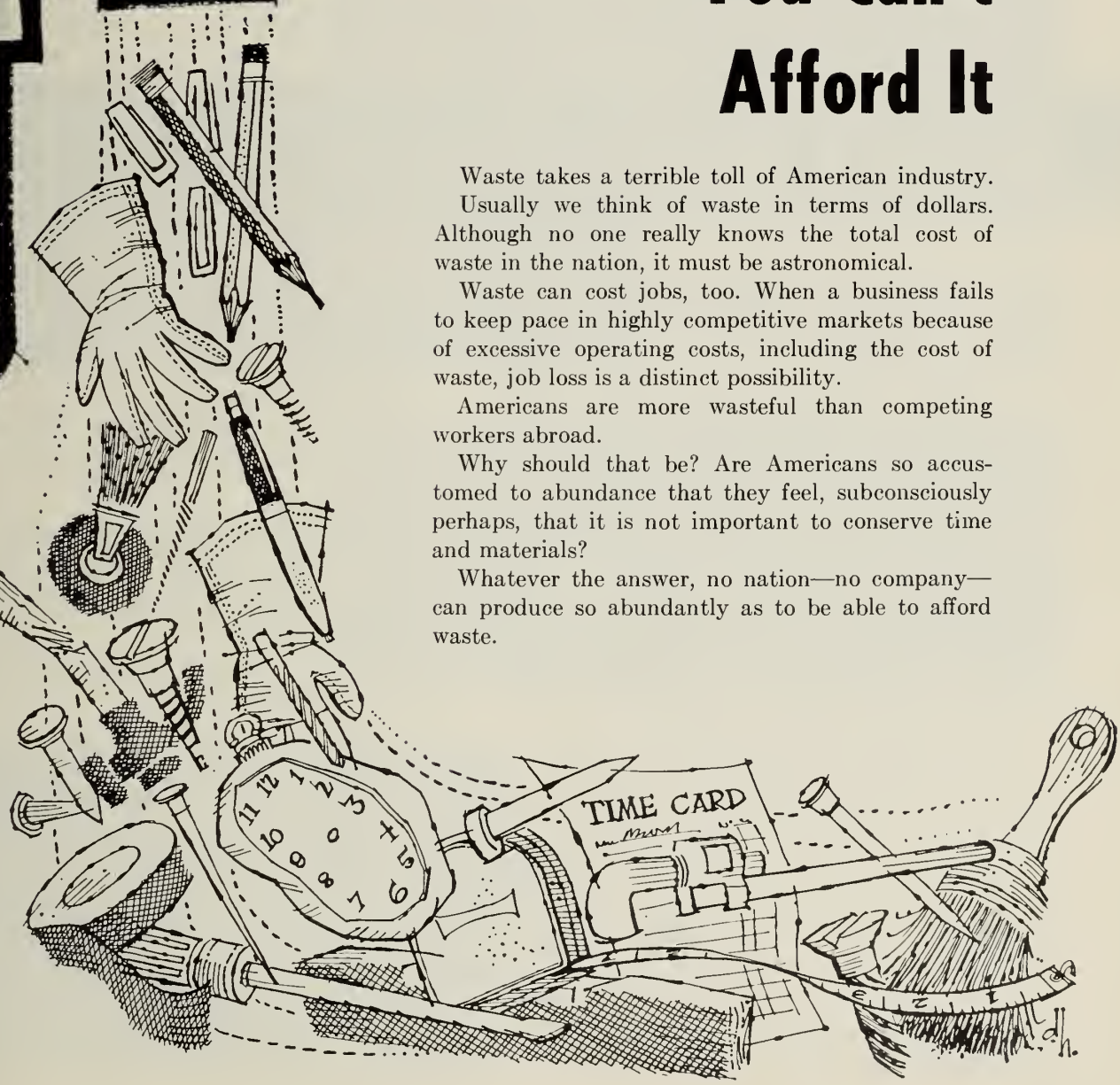
Usually we think of waste in terms of dollars. Although no one really knows the total cost of waste in the nation, it must be astronomical.

Waste can cost jobs, too. When a business fails to keep pace in highly competitive markets because of excessive operating costs, including the cost of waste, job loss is a distinct possibility.

Americans are more wasteful than competing workers abroad.

Why should that be? Are Americans so accustomed to abundance that they feel, subconsciously perhaps, that it is not important to conserve time and materials?

Whatever the answer, no nation—no company—can produce so abundantly as to be able to afford waste.



SAFETY COMMITTEE—Front row, from the left: Henry Forget, Jacob DeJong, Ralph George, Melvin McCully, Director Stephen MacDonald, Alber Martin, Raymond Woodcome, William Todd, and William Spratt. Second row: William Steele, Edwin Davis, Stuart White, Alvin Goyette, Leonard Brock Harold Baszner, Hugo Meotti, Leo Roy and Leo Tosoonian

# safety assignment

THE FUTURE HAPPINESS and security of you and your family hinge on whether you stay alive, healthy, and in one piece.

At Whitin more than 200 men and women, in addition to their regular work, devote time to a safety program so that the employee in performing his job, will not be injured and be able to return to his family in the same condition as when he came to work.

Only about half of the employees who are directly associated with the Whitin Safety Program are pictured on these pages. Also not shown are the foremen and the assistant foremen who have charge of safety in their particular department.

To accomplish their objective the safety men in each department keep employees alert to the importance of observing sound safety practices at all times. They never miss an opportunity to talk safety, especially when: An unsafe act or work habit is observed after a near accident to another employee, learning of an accident in another department or upon receipt of a safety report or other safety information.

Safety is a never-ending job for those who are associated with the program because employees are people and:

1. People don't always follow instructions.
2. People make mistakes.
3. Some people feel they are immune to accidents—"It's always the other guy who gets hurt—not me."
4. People take shortcuts—they don't do what they know they should do.
5. People don't always have their mind on what they are doing.

Therefore, every effort should be made by everyone to make working conditions as safe as possible by locating and eliminating hazards.

Make it a point to seek out the safety man in your department. He is anxious to receive your safety suggestion. Remember, safety is a routine daily activity and cannot be separated from the rest of the job.

Through following established safe practices, by maintaining order in your work area, by keeping tools and equipment in good condition—in short, by setting a good example—you will be making an important contribution to the team effort.

## SAFETY PERSONNEL

Front row, from the left, Zeigi Buczynski, George McKee, Louis Mortin, Merrill True, Bernord Howord, George Holt, Corl Rein, Clifford Moson. Second row: Jerry Levitre, Baron Wallace, Arne Nelson, Ralph Aspinwall, Jerry Brouillette, Henry LaPlonte, Douglas Forley, Donald St. Laurent, Arthur Courtemanche. Third row: Harold Adams, Francis Joslin, Lawrence Covington, Leonard Plasse, George Morande, Fred Dexter, Varkis Asadoorian

First row, from the left: John Ononion, John Sotek, Cecil Carter, Leo Drainville, Bert Levitre, William Such. Second row: Roland Tardie, Fronk Moynord, Edword Jocques, Clarence Corey, Robert Poulhus, Mortin Vrabel, Leo Asodoorion, Aimo Audio

First row, from the left: Froncis Horon, L. Grondine, Soroh Dersorkisian, Maurice Volois, Leo Bouley, Richord Boker, Harry Frisiello, Henry Martin. Second row: Harry Chase, George Duront, Daniel Gonlag, Peter Frieswyk, Hector Chose, John Solino, Rolph True, Everett Gospor ond Charles Coombs

Front row, from the left, Sidney Lafleur, Leopoul Gamelin, Roger Vallee, Alphege Blanchette, Jocob Wassenar, Joseph Janczyk, Alfred Goulet, Sydney Dufries. Second row: Leon Wollace, Walter Kopolko, Pauline Machoto, Mitchell Nadolink, Ted Minor, Nicholos DeLuco, Rolph Anderson, Frank Convent, Joseph Bousquet. Third row: Herman Arnold, N. Prestero, Peter Forget, Alfred Gould

Front row, from the left: Peter DeVries, Mobel Lemoine, Sidney Baker. Second row: Michoel Powers, Jocob Sohigion, Henry Kelley

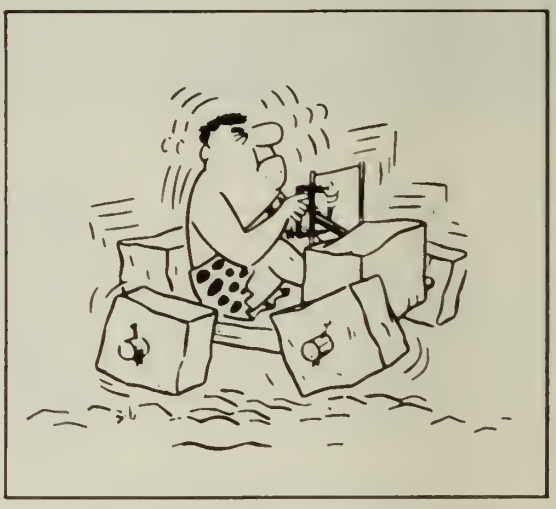
# how's your E.Q.

*** EFFICIENCY QUOTIENT**

Ever wonder how you rate as an efficient employee? For example, if you were hiring men and women for a job would you hire yourself?

To help you in determining your individual efficiency here is a do-it-yourself quiz on some factors that make for efficiency. From the number of your "yes" answers you can check your own confidential E. Q.—Efficiency Quotient. Be fair with yourself and do not answer "yes" to all the questions unless you truly believe you are giving the correct answer. This quiz should give you a good indication about your performance. The twenty questions of the quiz, if answered in the affirmative, would come close to identifying the ideal employee. But it is not necessary to achieve a perfect score; 80-plus is considered excellent.

"He had to do so many jobs over, it was easier to scrap Joe!"



THINK—there's a better way to do it

| | Yes | No |
|---|---|---|
| 1. Do I ask myself each day what I can do to be more helpful and productive on the job? | ☐ | ☐ |
| 2. Do I really understand that my best job security is to make sure my company earns a profit . . . and that higher wages won't come about tomorrow unless there is a profit today? | ☐ | ☐ |
| 3. When I hear someone unfairly "knock my company," do I take the time to convince him that his complaint isn't justified? . . . and if it is justified, do I help correct the situation? | ☐ | ☐ |
| 4. Am I a generous credit giver? Do I remember that everyone likes to get | ☐ | ☐ |

credit for help, suggestions, ideas, cooperation, ability, etc.?

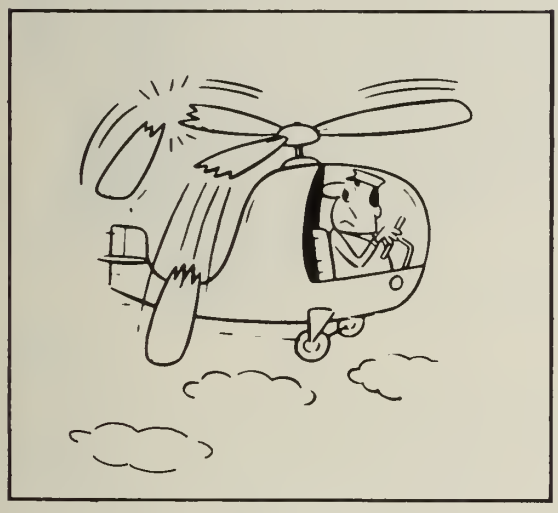
5. Do I do all I can to promote a strong "let's all roll up our sleeves and get it done" spirit in my company? Yes ☐ No ☐

6. Do I ever try to find ways of making or saving money in my department? Yes ☐ No ☐

7. Do I ever ask "is this part of my job necessary to accomplish our goal?"...Times and products change, but many old routines continue. Yes ☐ No ☐

8. Do I ever ask myself these questions: Can we make this product better or cheaper? Can it be simplified so that it will cost less to produce, package, or ship? What can we do with this piece of waste material to save or make money? Yes ☐ No ☐

9. Do I accept constructive criticism and try to improve? Yes ☐ No ☐



You can't compromise on QUALITY

10. Do I always enthusiastically support new plans and projects my company starts? Yes ☐ No ☐

11. Do I work well with others in a team effort? Yes ☐ No ☐

12. Am I friendly with the people with whom I work? Yes ☐ No ☐

13. Am I seldom absent or tardy? Yes ☐ No ☐

14. Do I make an effort to learn more about my job? Yes ☐ No ☐

15. Does my work reflect neatness, accuracy and thoroughness? Yes ☐ No ☐

16. Do I put out a full day's work each and every day? Yes ☐ No ☐

17. Do I follow closely all instructions from my supervisor—and when in doubt ask? Yes ☐ No ☐

18. Do I take good care of all the tools, machines and other equipment with which I work? Yes ☐ No ☐

19. Do I follow all company rules and regulations, including those on safety? Yes ☐ No ☐

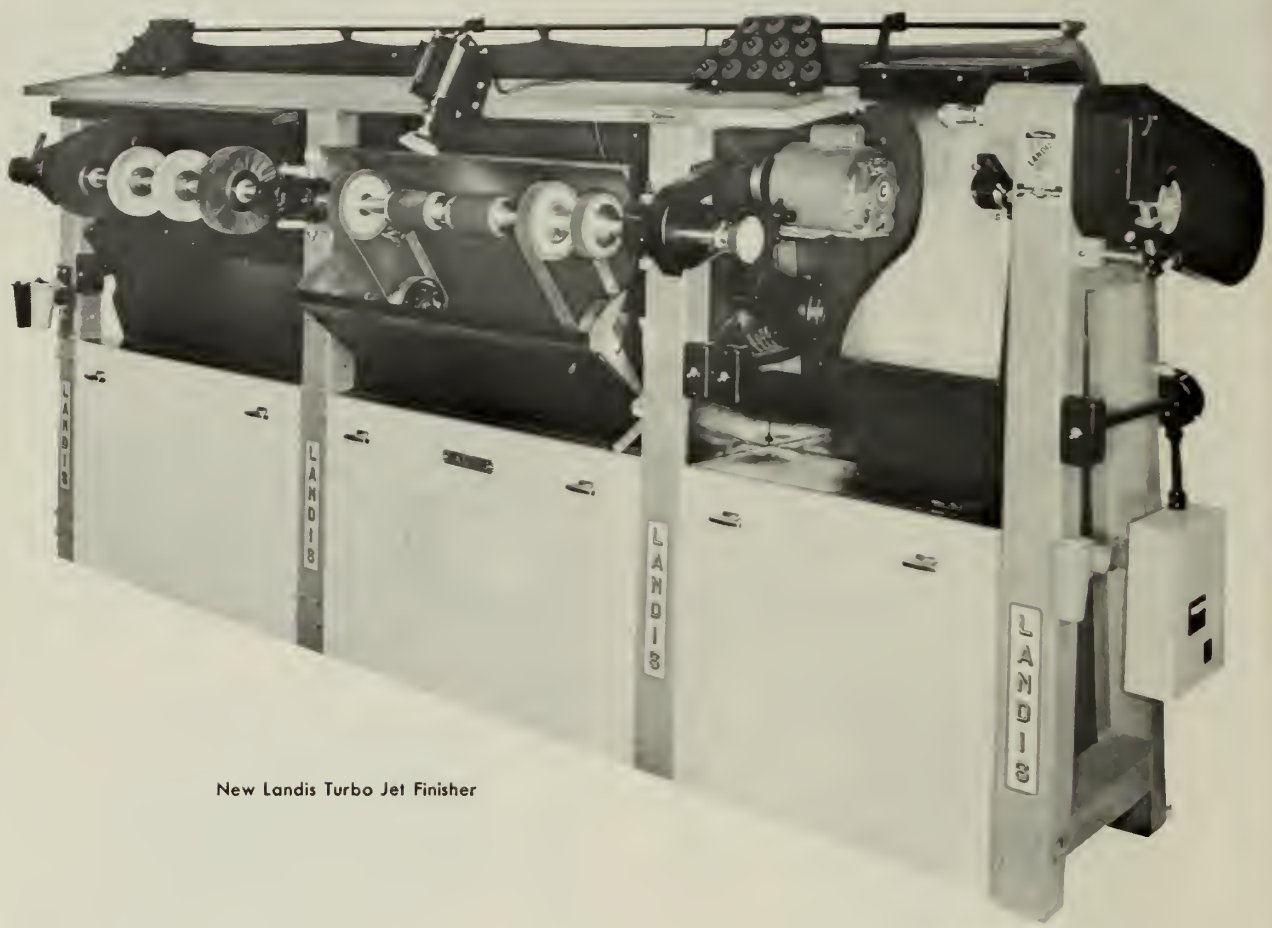
20. Am I proud of my company and the part I play in it? Yes ☐ No ☐

WASTE is for the BIRDS!

Here's how to score:

Count your "yes" answers; multiply by 5; then check your total against these ratings: 80-plus: Excellent. If all your associates are like you, the company is bound to be highly successful—and so are you. 70-plus: Above average. You are making a worthwhile contribution. 60-plus: With a little effort you can easily improve your job security. Below 60: Poor.

# LANDIS Turbo Jet Finisher




New Landis Turbo Jet Finisher

The Fayscott Landis Machine Corporation, through its Landis Division seven months ago, introduced to the shoe rebuilding and repairing trade its new Turbo Jet Finisher.

During that short space of time, its sales have averaged 26 per cent of all the Landis finisher orders. This is the best sales percentage of the five different models manufactured at Fayscott.

Machinery of this type is manufactured especially for the cobbler shop which is now more commonly known as the repair shop.

Thirty years ago, 35,000 cobbler shops situated in this country averaged one shop to each 4,000 to 4,500 inhabitants. Newer repair techniques plus changes in demand have altered this ratio so that today's estimated list of 25,000 shops will average one to each 7,600 of population. Fayscott estimates that its share of this U.S. market is somewhere between 80 per cent and 85 per cent. The Fayscott Landis Machine Corporation through its Landis Division, services this trade with 20 sales and service men and four sales offices. The latter are located in St. Louis, New York, Chicago and Los Angeles.

Today's market is asking for and, in fact, demanding a finishing machine that will trim and sand heel and sole edges with accuracy and speed and have the added ability of keeping the shop clean, at the same time. This means that such a machine must have a superior dust removal system. Fayscott believes that they have made good progress in filling this need with their new Turbo Jet Finisher.

# EAT YOUR WAY TO SUCCESS

Alice was the blonde typist in the front office. When she went on a new miracle diet she became a "dizzy" blonde—so dizzy, in fact, that the poor girl had fainting spells.

What Alice didn't realize is that dieting isn't only a means of losing weight. It's a method of keeping physically fit, energetic, and on the ball during working hours.

A study recently published by the New York State Department of Health shows that to stay efficient and happy on the job, your caloric intake has to equal the amount of energy you expend. Eat too much and those extra pounds begin to show. Eat too little and like the dizzy stenographer, you may begin to feel faint and uncomfortable—and your work will suffer.

For example, those health department figures indicate that a well-proportioned stenographer in her early twenties needs only 2000 calories a day to keep her pencil skidding across her steno pad. A tall husky lumberjack, however, might burn up as much as 4000 calories trying to mow down a forest.

Pavement pounding salesmen, factory hands and press operators of the same age and physical proportions would only require about 3000 calories.

Women generally need fewer calories than men. A busy 25-year-old housewife who scrubs floors, irons shirts and runs to the market each day can gobble up 2500 calories every 24 hours and still receive rave notices on her figure.

A typist of the same age, height and weight had better keep her caloric intake down to 2000. A woman accustomed to spending her time watching TV ought to cut down to 1800 calories if she wants to wear size 12 dresses.

The accompanying chart, based on these rules, will show what your own calorie requirements are for successful job performance.

Eat as much as your job requires. A starvation diet that drains vitality and saps strength can be as harmful as an overabundance of fatty food that adds extra inches to the waistline and slows your pace.

| MEN | | | | WOMEN | | | |
|---|---|---|---|---|---|---|---|
| | SHORT | MEDIUM | TALL | | SHORT | MEDIUM | TALL |
| HEAVY WORK | 2800-3200 | 3200-3500 | 3500-4000 | HEAVY WORK | 2000-2200 | 2300-2500 | 2500-2800 |
| MEDIUM WORK | 2500-2800 | 2800-3200 | 3200-3500 | MEDIUM WORK | 1800-2000 | 2000-2300 | 2300-2500 |
| LIGHT WORK | 2100-2500 | 2500-2800 | 2800-3200 | LIGHT WORK | 1600-1800 | 1800-2000 | 2000-2300 |

HOW MANY CALORIES DO YOU NEED ?

# HOW YOUR LAW

This year, the Massachusetts legislature—which went back into session on New Year's Day, will consider nearly 4,000 separate bills. Many of them will affect *you*—either as an employee, a private citizen, or a taxpayer. This means that *your* Senator or Representative will need to make countless decisions on your behalf. Legislators agree unanimously that they *want* and *need* the help of *all* their constituents in making decisions concerning the thousands of bills on which they will vote in 1964.

So that you can be more helpful in letting *your* legislators know *your* position on particular measures of interest to you, it perhaps is important that you know the usual steps by which a bill becomes law in Massachusetts.

In Massachusetts, any citizen may petition for legislation without charge. His petition must be heard by a committee. It must be reported and acted upon by both branches, *although* today under the rules if an adverse report is accepted by one branch, it is considered finally disposed of.

A bill becomes law in two ways: (1) by legislative enactment, or (2) through adoption by the people on an initiative referendum. This article considers the first of these two ways.

1

Senator or Representative presents to clerk, of branch of which he is a member, bill accompanying petition requesting enactment of specific legislation or the repeal or amendment of an existing law.

2

With few exceptions (those which go to Rules Committee), petitions then go to Joint Committee (comprised of members of both House and Senate) which holds public hearing on bill.

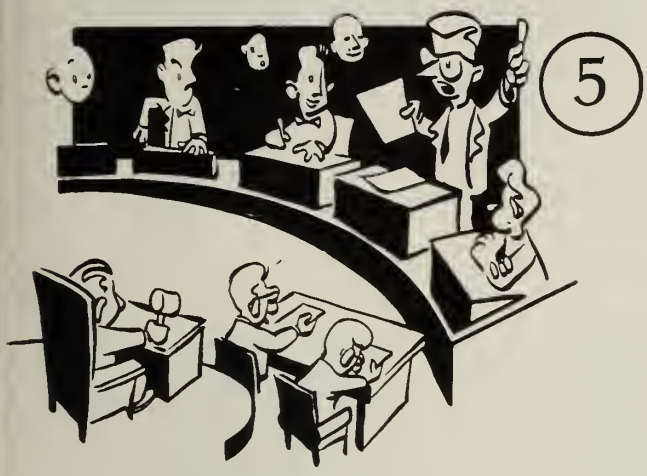
3

At committee hearing, bills are usually heard in numerical order. Any interested citizen is allowed to appear before committee to state his case for or against bill. Proponents speak first; then opponents. After hearing Committee meets in executive session to determine its report.

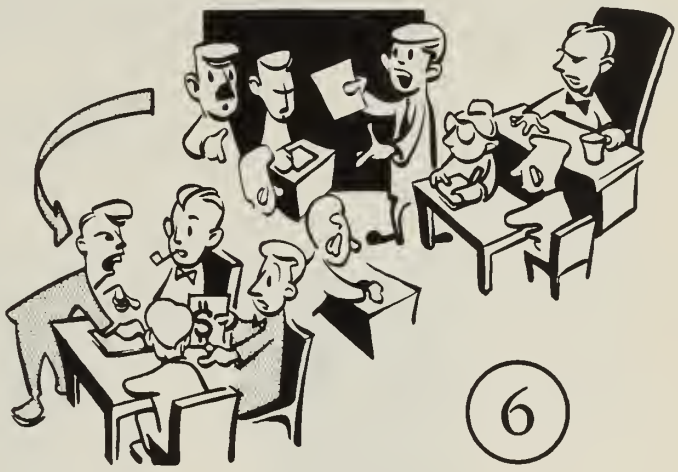
4

Ordinarily, committee reports bill to branch in which it was filed, with exception of those that involve state finances or spending of county money. These go to Ways and Means or Counties Committee of respective branches.

# ARE MADE IN MASSACHUSETTS




Committee reports are placed in the Order of the Day, a printed calendar which is distributed the morning of legislative session. If committee submits adverse report on bill, that branch before which it is placed may by a majority vote (a) accept the report in which case, with few exceptions, that bill is considered dead for the session; (b) recommit the bill for further study; or (3) substitute the bill for the committee report.




Bills reported favorably or substituted must receive three readings in either branch before being "engrossed." (Engrossment is a special form of printing on parchment paper which is required for all bills which become law.)

A Conference Committee may be requested at any state of a bill if a difference arises between the branches on its final version. Committee has responsibility to work out compromise acceptable to both branches.

A bill containing an emergency preamble must be reported "rightly and truly engrossed" by House Committee on Engrossed Bills before being adopted by House. Similarly in the Senate. Bill is then ready for enactment in both branches. It then goes to the governor.

Governor may take one of five actions after he receives a bill: (1) He can sign it, and it will become law within 90 days unless otherwise stated; (2) He may veto the bill, which the legislature can override by a two-thirds roll call vote of each branch; (3) He may return bill with suggested amendments; (4) If the bill remains on his desk longer than 5 days, it becomes law (the legislature still being in session); (5) He may "pocket veto" the bill by not signing it after the legislature adjourns.

# Honor Roll

January – 1964

James Menard
Gear Cutting
25 Years

Thomas L. Cawley
Production Processing
25 Years

C. Frederic Garcelan
Data Processing
25 Years

## 25 Years

**Lindsay Harding,** Bolsters

## 20 Years

**Wilfred W. Elie,** Spinning & Twisting Small Parts

**Philip Kozak,** Industrial Relations

**Irene Paquette,** Inventory Control

**Florence Zeroogian,** Roving, Duplicator & A.T.F. Parts

## 15 Years

**Ralph M. Anderson,** Plant Security

**Frederic Baker,** Electrical Maint.

**Clayton G. Cleverly, Jr.,** Purchasing

**Willard Y. Dalrymple, Jr.,** Production Processing

**Robert S. Dixson,** Inspection

**Charles P. Minior,** Power House

**S. Butler Smith,** Prod. Processing

## 5 Years

**Jennie Berghuis,** Data Processing

**Normand D. Lortie,** Control Acct.

*You can build big successes on little ones. The little successes point the way for you. People are creative in different ways. Your past successes, however minor, show the type of creativeness you possess.*

# Jest a Joke

The loudspeaker of the New York to Paris jet clicked on and the captain's voice announced: "Friends, there's no cause for alarm, but we feel you should know that for the last two hours we've been flying without the benefit of radio, radar or navigational beams. This means I'm not sure in which direction we're heading. I'm certain you'll be interested to know that there's a bright side to the picture—we're making excellent time.

* * *

At a recent wedding anniversary of an old friend, two matrons were heard reminiscing. "Does your husband still take your little hand in his?" asked one.

"Oh, yes," replied the other, "and twists it until I drop the rolling pin."

* *

Dieting has been called the penalty for exceeding the feed limit.

* * *

A frustrated motorist had been trying to pass a huge truck for many miles. Every time he tried to go around, the truck driver increased his speed or swerved toward the middle of the road. Finally, at a stop sign, the motorist pulled alongside.

"Well?" growled the truck driver, glaring viciously.

"Nothing important," was the motorist's reply. "I know what you are—merely wanted to see what one looks like."

People come in three classes: 1. Those who make things happen; 2. Those who watch things happen; 3. Those who don't know "what happened."

* * *

A young lady visited the psychiatrist for the first time. The doctor looked at her silently for a few minutes then said, "Come over here, please." He promptly took her in his arms and kissed her. As he released her he commented professionally, "That takes care of my problems, now what's yours?"

* * *

In front of a grocery store, a well known art connoisseur noticed a dirty little kitten lapping milk from a saucer that he realized was a very rare piece of pottery. He dashed into the store and bought the kitten for five dollars. "For that sum," he told the proprietor, "I'm sure you won't mind throwing in the saucer. The kitten looks happy eating from it."

"Nothing doing," replied the grocer. "That's my lucky saucer. From that saucer so far this week I've sold sixteen cats."

* * *

Money doesn't always bring happiness. A man with ten million dollars is no happier than a man with nine million dollars.

* *

A telephone service girl received a call from an elderly lady: "My telephone cord," said the old lady, "is too long. Would you please pull it back at your end?"

# News Roundup

## Fund for Unemployment

Normally, the bank account for the Massachusetts Division of Unemployment Security amounts to about 300 million dollars give or take a few hundred thousand according to the unemployment checks being paid.

Who keeps the balance up? Where does the money come from?

William P. Kane, manager of the Worcester office of the Massachusetts Division of Employment Security made a survey, according to the *Worcester Evening Gazette* among 537 jobless pay claimants to find out where they thought the money came from.

Only about one-third indicated from their answers that they realized employers carried the whole burden of supporting this fund. More than half said that the employees and employers together paid the tax.

Employers pay the full cost of the jobless fund. Taxes range from a low of 1.1 per cent to a high of 3.9 per cent on the first $3600 of each employee's salary or wage.

Every dollar wasted or misspent in this fund is a dollar that Massachusetts industry cannot use to expand and create new jobs.

## More Alive Than Ever

"The textile manufacturing industry certainly is more alive than ever. It is proceeding with a modern industrial revolution that will make it stronger and better equipped to do the job which must be done."

These thoughts were expressed by President Robert T. Stevens of American Textile Manufacturers Institute in a recent address in which he pointed to "an atmosphere of growing confidence" in the textile industry. Such confidence, Mr. Stevens said, is leading the industry into a vigorous march of progress.

What makes the industry "more alive than ever?"

Primarily, of course, are the people who make up the textile industry, for textile manufacturing will never be better than its personnel.

Behind them are a number of factors:

- The industry's belief in itself, expressed in terms of investments in new and modern equipment.
- Increasingly better machinery and production techniques.
- Greater diversity in production, and better end products.

MYSTERY PHOTO—In the January Profile, it was Joseph Bartlett, Assistant Foreman of Millwrights and Structural Steel Department. On the right, according to the number plate on this sporty car, this snapshot of car and owner was taken in 1925

- Increased research and development.
- Stronger financial backing, including an increasing interest in textile stocks by investment counselors.
- Better trained management personnel.

All of these add up to a modern, progressive textile industry that is playing a vital role in the life of the nation.

## BENOIT PRESENTED EAGLE SCOUT AWARD

Joseph Benoit, son of Mr. and Mrs. Edmond Benoit, was the recipient of

At the annual organizational meeting of the W.M.W. Credit Union at the Uxbridge Inn, on December 10, the Board of Directors reelected Howard Anderson, President; Norman A. Wright, Vice President; Henry Crawford, Treasurer and Ernest Hartshorn, Secretary and Assistant Treasurer. Seated in the front tow, from the left: Hope Rawson, Ernest Hartshorn, Howard Anderson, Henry Crawford, Norman Wright, and Marilyn Dexter. Back raw: Carl Johnson, Robert Wood, Fred Dexter, Irving Dalton, Gerrit Ebbeling, Herbert Barnes, Thomas Postma, Lawrence Gilmore, Peter Jangsma, Richard Davidson, Philip B. Walker, and James Davidson

an Eagle Scout Award at a Boy Scout banquet in St. Patrick's Elementary school cafeteria on December 14. This is the highest award in scouting. Joseph is also the grandson of Nazaire Laferriere, who worked in the Foundry for 50 years, and nephew of Arthur Laferriere of the Paint Department.

Top: Joseph Benoit, of Whitinsville Boy Scout Troop 150, is the recipient of the Eagle Scout award. Pictured from the left are Archie Fournier, retiring scoutmaster who made the presentation, and the Eagle Scout's parents, Mr. and Mrs. Edmond Benoit. Bottom: Retiring scoutmaster Archie Fournier and retiring assistant Edmond Benoit, receive tokens of appreciation for their years of service to Troop 150. Presentations were made by Roland Wilson, left, new scoutmaster and Leo Bouffard, newly appointed assistant scoutmaster.

## MARRIAGES and ENGAGEMENTS

The marriage of Bonnie Lea Bailey to Robert C. Domey took place in St. Patrick's Church, Whitinsville, November 9

Miss Bonnie Lea Bailey became the bride of Robert C. Domey, Saturday, November 9, in St. Patrick's Church, Whitinsville. The reception was given in the Lake View Ballroom in Mendon, Mass.

The bride is the daughter of Mr. and Mrs. Russell Bailey, of 112 North Main Street, Whitinsville. Her husband is the son of Mr. and Mrs. Fred J. Domey, 547 Cambridge Street, Worcester, Mass.

Mrs. Domey is an I.B.M. operator. She graduated from Northbridge High School and Ward School of Business Administration of Worcester. The bridegroom is an instructor at Wentworth Institute. He is a graduate of South High School, Worcester and Lowell Technological Institute.

After a wedding trip to Washington, D.C., Mr. and Mrs. Domey now reside at 15 Cass Street, West Roxbury, Mass.

## In Memoriam

William Burke, 63, died at St. Vincent Hospital on December 24. He was an electrician at Whitin for 37 years. He lived in Whitinsville.

Almanzor P. Boucher, 53, clerk in the Pattern Loft, died December 30. He lived in North Uxbridge.

Bernadette Morin, 40, died at the Whitinsville Hospital on October 20. Her husband Maurice Morin is a chauffeur at the Whitin Machine Works Garage.

Arthur St. Andre, 76, died at his home on Quaker Street, Town, on December 19. He was a Whitin employee for 56 years before retiring in 1957. He was a supervisor in the Traffic Department.

John S. Colby, 65, died in the Veterans Administration Hospital in Bedford on December 14. He was a steamfitter at Whitin for 30 years before retiring 20 years ago.

Henry A. Graves, 87, died on December 14 in Millbury. He was employed at Whitin for 60 years as a machinist before retiring in 1957.

Edward C. Driscoll, 82, father of State Representative Charles E. (Luke) Driscoll, died at his home on 77 East Street, Town, on December 12. He was a machinist at Whitin for 61 years before retiring in 1956.

Henry LaPlante, 59, a molder at Whitin for 21 years, died on December 5.

Leo P. Lemelin, 58, a setup man at Whitin for 18 years, died on December 1.

## The odds are all in your favor

You take no chances when you buy Whitin preparatory equipment. It is being used with confidence — and profit — by textile mills the world over. All Whitin machines are backed by imaginative research, expert engineering and precision manufacturing. What's more, they give you proven performance on the job.

New developments in this industry do not come easily or happen overnight. Before Whitin products are introduced to the market, they have been subjected to rigid testing and evaluation. Once installed in your mill, they will give you the high level of performance for which they were designed. You will find that they meet the claims made for them. This is the philosophy we live by — an intangible "extra" value called integrity which you get when you buy from Whitin.

**Whitin**®

THE BEST WAY TO BETTER YARNS

WHITIN MACHINE WORKS: CHARLOTTE, N. C. • GREENSBORO, N. C. • ATLANTA, GA. • SPARTANBURG, S. C. • WHITINSVILLE, MASS.

# The WHITIN PROFILE

MARCH 1964

The WHITIN
# PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

MARCH, 1964
Vol. XVII, No. 3

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LAWRENCE M. KEELER. . . *Associate Editor*
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## THE PICTURE YOU GIVE

"He's a good advertisement for his company." Ever hear a remark like that made about someone you know? What makes a person a good advertisement for his company?

For one thing, the things you say off the job about your product, your boss, your job, and your fellow-workers. Thoughtless criticism or statements you aren't sure are true can give people wrong ideas about your company.

On the other hand, if you show enthusiasm and are careful to stick to the facts, you are likely to give people an impression of a company worth working for—and buying from.

## WHITIN PERSONALITY

RALPH S. ALDRICH, Foreman of the Plumbing, Piping and Air-conditioning Department, was born in Uxbridge on December 29, 1913. In 1934, he graduated from the Worcester Boys' Trade High School as a Plumber. Having completed his course several months before graduation, he worked as a maintenance man for the Worcester Federal Savings and Loan Association for four months. Following graduation, he came to Whitin in July 1934 and started his employment in the Plumbing Department where he has worked continuously since that time. In December 1945, Ralph was appointed Assistant Foreman and in January 1960 was promoted to Foreman. The eight men of his department install, maintain and test hundreds of miles of pipe lines which carry air, water, steam, oil and gas for heat and power to all areas of the shop as well as the Whitin Community Gym and Company-owned buildings such as the Garage and Blue Eagle.

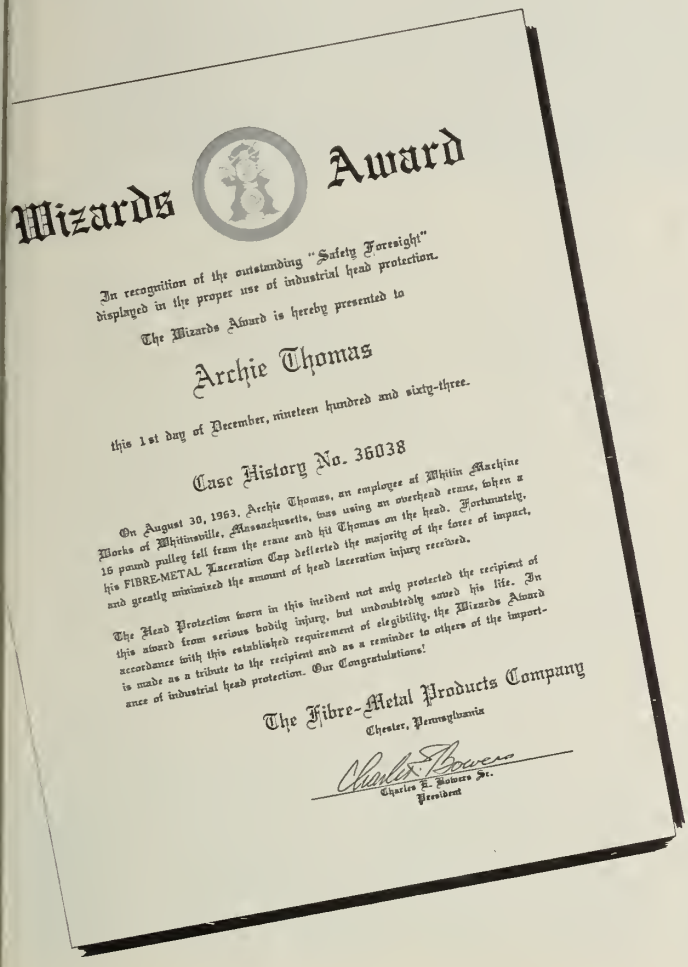
Ralph is married to the former Rita Flynn of Whitinsville. They have three daughters and a son. Kathleen, 20, is married and lives in Lynn. Joan, 19, attends the School of Practical Arts and Designs in Boston. She is in the A division of her class and her marks are among the top 20 of her class. Elaine, 16, is a sophomore at St. Mary's High School in Milford. She hopes one day to be a nurse. Ralph E., 15, is a freshman at Uxbridge High School.

Ralph particularly likes salt water fishing and hunting rabbits. He enjoys talking about hunting and likes to relate stories about his two-year beagle which has been driving rabbits since he was seven months old. Ralph is a member of the Woodville Rod and Gun Club in Hopkinton. While he occasionally enjoys watching football on TV, when it comes to being a spectator at sports he prefers to attend a good baseball game.

Ralph lived on West Street, Whitinsville for eight years and in 1954 built a new house on Oak Street, Uxbridge.

FRONT COVER DESCRIPTION—Skiing is fast becoming America's No. 1 most popular family sport. Shown enjoying this great sport are Donna Sampson, 13, and her brother Leonard, 14, both are outstanding skiers like their father Joseph, a Time Study Engineer in the Manufacturing Standards Department.

Present at the presentation of the Wizards Award were, from the left, Norman G. Vadenais, General Foundry Foreman; Robert C. Walker, Foundry Superintendent; Archie Thomas, wearing new helmet; Clayton W. Adams, Manufacturing Manager; and Stephen MacDonald, Safety Director



Wizards Award

In recognition of the outstanding "Safety Foresight" displayed in the proper use of industrial head protection.

The Wizards Award is hereby presented to

Archie Thomas

this 1st day of December, nineteen hundred and sixty-three.

Case History No. 36038

On August 30, 1963, Archie Thomas, an employee of Whitin Machine Works of Whitinsville, Massachusetts, was using an overhead crane, when a 16 pound pulley fell from the crane and hit Thomas on the head. Fortunately, his FIBRE-METAL Laceration Cap deflected the majority of the force of impact, and greatly minimized the amount of head laceration injury received.

The Head Protection worn in this incident not only protected the recipient of this award from serious bodily injury, but undoubtedly saved his life. In accordance with this established requirement of eligibility, the Wizards Award is made as a tribute to the recipient and as a reminder to others of the importance of industrial head protection. Our Congratulations!

The Fibre-Metal Products Company
Chester, Pennsylvania

Charles E. Bowers Jr.
President

# THOMAS RECEIVES WIZARDS AWARD

In August 1963, Archie Thomas of the Foundry Cleanup Crew escaped serious injury when the laceration cap he was wearing deflected a 16-pound pulley that fell from a crane and hit him on the head.

In recognition of the "Safety Foresight" he displayed in using proper industrial head protection, Thomas recently received the Wizards Award from the Fibre—Metal Products Company, Chester, Pennsylvania. The presentation was made at Whitin by Manufacturing Manager Clayton W. Adams. In further recognition Thomas received a gold-plated helmet, a tie pin and a cash award.

Well on the way to completion is this line of Offset Duplicators. Pictured in the foreground are Robert Croteau instructing Donald Morse in attaching pile chain deliveries to one of the machines. Gerold Cournoyer is setting and adjusting a duplicator while Arthur Dupre and Joseph Gulino make final adjustments while testing the machine

Joseph Knapik is assembling chain deliveries used with Model 1115 and Model 1117 Duplicators

# ORDERS FOR DUPLICATORS DOUBLED

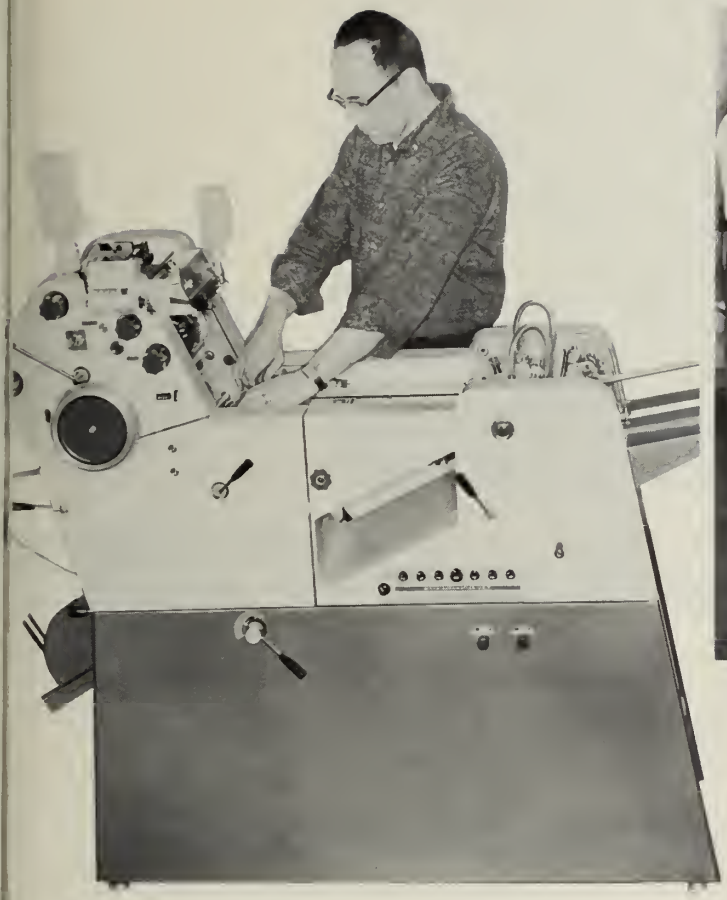
Work is humming in the Duplicator Erecting Department. Production increased recently from an average of 12 duplicators a week to 25 a week.

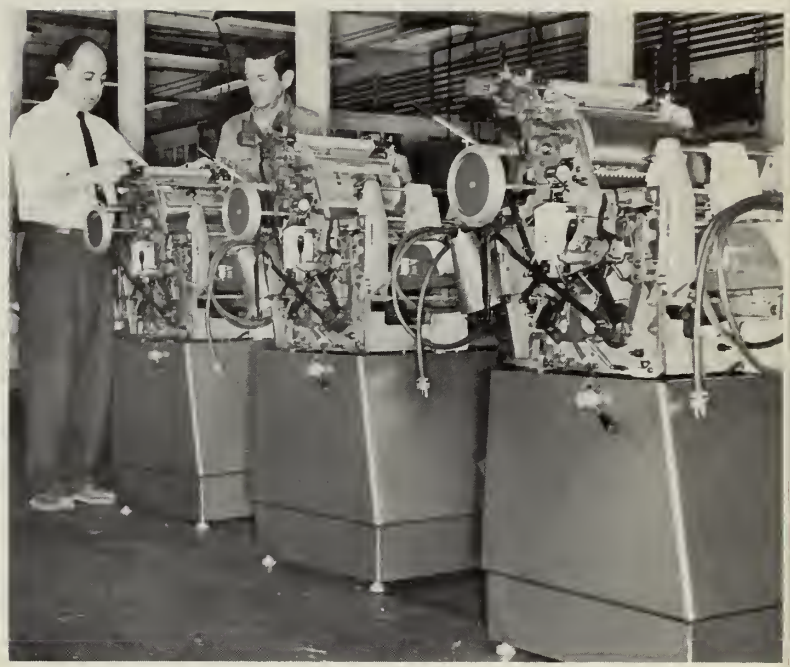
This sharp increase is due mainly to orders received from Ditto, Inc., Chicago, Illinois, with whom, in the fall of 1963, Whitin established a distributorship agreement to promote and sell our offset duplicators on a nationwide basis.

Ditto has 66 branch offices and over 500 dealers in the United States promoting the sales of its own products, office duplicating and copying equipment and accessories. Whitin's three models of duplicators enables Ditto to round out their line of duplicating equipment.

Our other two distributors of the Whitin duplicator are American Type Founders Company, Inc., Elizabeth, New Jersey, and the Photostat Corporation, Rochester, New York. While there are no restrictions as to sales areas to be covered, the American Type Founders Company sells mostly to printing establishments and commercial letter shops who are also customers for their printing presses and accessories. The Photostat Corporation concentrates its sales efforts mostly in commercial areas such as banks, insurance companies, etc. Ditto, a pioneer firm in the building of duplicating equipment and which is currently strongly identified in the business systems field, will also promote the sales of accessory equipment for duplicators for Whitin which includes system chutes, hand feed tables, work organizers, automatic blanket washers, plate primers, chain delivery and pile delivery units.

The most recent Whitin addition is the automated duplicator which is ideally suited for the office and business equipment field. This duplicator has been equipped with the most versatile and easy-to-use

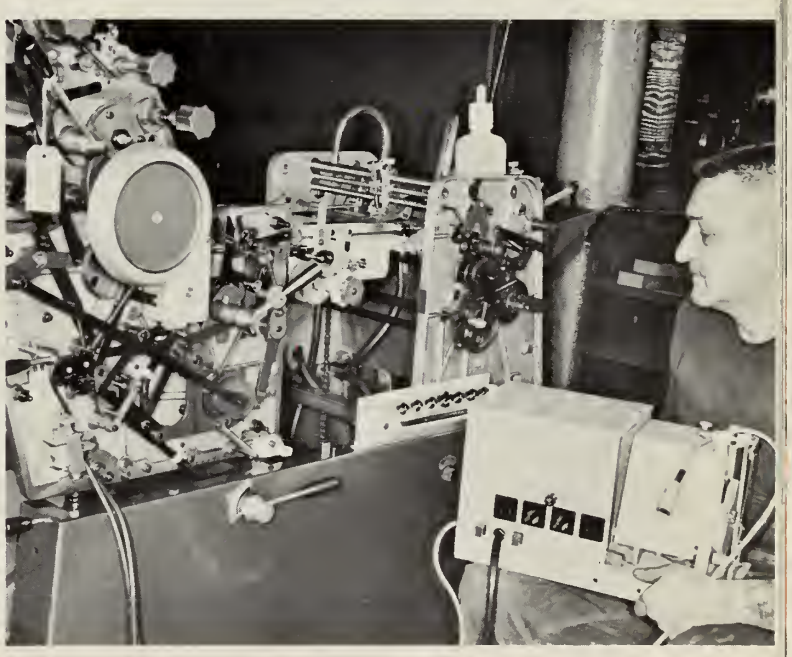




Foreman Charles Garabedian instructs Armand Grenier in setting the new outside water oscillator roll on the Friction Feed Model 1015 Duplicator

Inspector Francis Mateer checks Model 1115 Automated Duplicator prior to shipping to customer

Francis Croteau, assembler, attaching automated units to Model 1115 Chute Machine



automatic programming control available. This feature enables the operator to net considerably greater production, of consistently high quality, with less operator fatigue.

To accommodate this new growth in sales, additional floor space has been added to the Duplicator Department and the number of personnel has been increased. Charles Garabedian, Foreman of the department, now has 12 men and as the work load expands more employees will be added to the work force. Increase in demand also means more work for a number of supply departments that make parts and assemblies for the duplicator.

The increasing acceptance of the Whitin Duplicator, which is frequently referred to in trade circles as the "Cadillac of offset duplicators," is very encouraging. Its compatibility to a variety of business systems applications holds great future promise in this multimillion dollar and rapidly expanding market.

All inventory control records fo spinning frames and twisters ore now maintained by the office staff of Crib No. 5. John Mos chilli, inventory control superviso ond his two analysts, Irving Light bown ond Stanley Pietrewicz also are in the new office

# DECENTRALIZATION

At this time when the Company is experiencing a low volume of business, it is more important than ever that every one strive for economies in plant operation.

One of the major departments whose operations vitally affect the over-all plant operation, is the Production Department. In a recent interview with F. O. Rizer, Production Control Manager, he was asked what steps are currently being taken in the area of his activities to bring about increased economy of operation without impairing service to our customers. Mr. Rizer was asked:

**Question**—What major project is currently under way within your department to improve or reduce the cost of production planning and control?

**Answer** —We are presently in the process of decentralizing the inventory control section.

**Question**—What do you mean by decentralization of inventory control?

**Answer** —Before making the present change, most of the records for controlling the inventory of parts in the storesrooms were located in the Production Office together with supervision. When inventory control was decentralized, all records and supervision were moved from the Production Office into the storesrooms.

**Question**—What prompted this decision?

**Answer** —In our efforts to continually improve production efficiency and reduce overhead, we have been investigating every phase of our production operations particularly inventory control. In this area there is a great deal of paper work which is time consuming. Also, considerable checking back and forth was necessary between the storesrooms and the Production Office. It was in these areas that we were trying to eliminate functions or combine operations.

**Question**—What do you expect to accomplish by decentralizing?

**Answer** —We have eliminated a considerable number of dual operations and communication delays. Full responsibility, which involves paper work, auditing, and physical custody of parts (both receiving, storing, and dispersements) now comes under one head—the Inventory Control Supervisor.

We have found that decentralizing has reduced errors in parts pick up, improved communications between analyst and storesroom personnel. Better control and less volume of paper work is realized and the speed of handling parts has increased with resulting improved

This shows a section of Storesroom No. 11 and the close proximity of the Inventory Control Office. Andy Magill, inventory analyst for roving, is checking the finish on a spindle step for a J Roving Frame with Lionel Rondeau, crib employee

# . for increased efficiency

efficiency on the erecting floors and in shipments of replacement parts.

Also, a better working atmosphere for those operating the various storesrooms has been created. Those who have the full responsibility for the functions of the storesrooms have a greater feeling of accomplishment and have more pride in their work.

**Question**—In addition to creating a more efficient operation, what is the expected dollar savings?

**Answer** —We expect to save $25,000 the first year and double that figure in the next year.

**Question**—Wasn't inventory control decentralized once before?

**Answer** —Not completely as it is now. A few years ago, inventory control supervisory personnel were responsible for certain functions or operations of the inventory control process. Physical control and some ordering were done in the various storesrooms, but other inventory control functions were performed by Production Office personnel. With decentralization, all inventory control functions and physical control are being combined and are located adjacent to the major product involved.

**Question**—Does new plan apply to all storesrooms?

**Answer** —Not quite—we are decentralizing where product lines can clearly be identified, namely:

Spinning and Twisters–Storesroom #5
Roving—Storesroom #11
Comber—Storesroom #13
Printing Presses and Duplicators—Storesrooms #30 and #31
Cards, Harperizer, etc.—Storesrooms #8 and #16

**Question**—Why not apply this plan to all of your operations?

**Answer** —The seven remaining storesrooms are not defined by product lines but we feel some sort of decentralizing could be applied after the main product lines are completely decentralized.

The decentralizing of inventory control is only one of a number of major changes which have taken place in the Production Department in recent months resulting in a more efficient operation, which of course has reduced cost and improved service.

These changes to completely mechanize the inventory control system have been under the supervision of John Mack, Superintendent of Inventory Control, who is constantly working to make further improvements.

This Cincinnati Hydraulic Press Broke, installed at a cost of $31,500, can handle larger and heavier work than present equipment in the Steel Fabricating Department. Using proper dies new press brake can bend ½ inch x 10 feet mild steel in practically any shape desired. Much of the heavy work previously subscontracted will now be done at Whitin

# *COULD YOU LIVE BY YOUR BARE HANDS?*

Even today, in many parts of the world, men struggle to live by what they can produce with their hands and a few common tools. If we were in the same boat, we'd find unemployment no problem. Even young people would have to work. And no matter what the government might do—such as changing the value of money so that workers would be earning $100 a day—we'd all still be drudging for a bare existence if we had no modern production tools and machines. Life's necessities, comforts and luxuries cannot be printed on paper; they have to be produced.

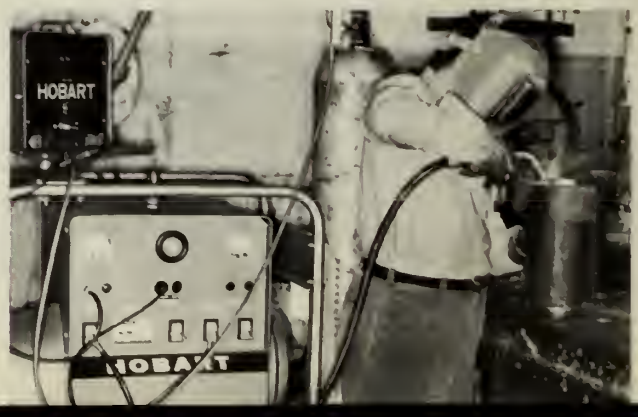
Real earnings—representing what actually can be bought with an hour's work—have increased in this country three and one-half times since 1890, which is as far back as the records go. These great gains were possible only because of the development of better machines and better methods. No kind of pressure on government for more "purchasing power" could have brought about an increase of 350 per cent in the living standards of industrial employees. Real earnings increased in proportion to the worker's ability to produce more—with improved machines.

Pictured on these pages are some of the new machines which Whitin has added to its production line during the past year. This is all part of the continuous program of modernization which results not only in increased productivity but also in greater job security

This Landis 4" x 18" Hydraulic Grinder combines two operations while producing the same quality work previously handled by four other grinders which have been released for other work. The new grinder was installed in the Spindle Department at a cost of $24,610

In a progressive program to modernize the roll stand section of the Milling Department, two Cincinnati bed-type Hypowermatic Millers were recently installed. These machines, one of which is shown, will increase production, at the same time maintaining tolerances and improving finishers. Total cost was $39,265

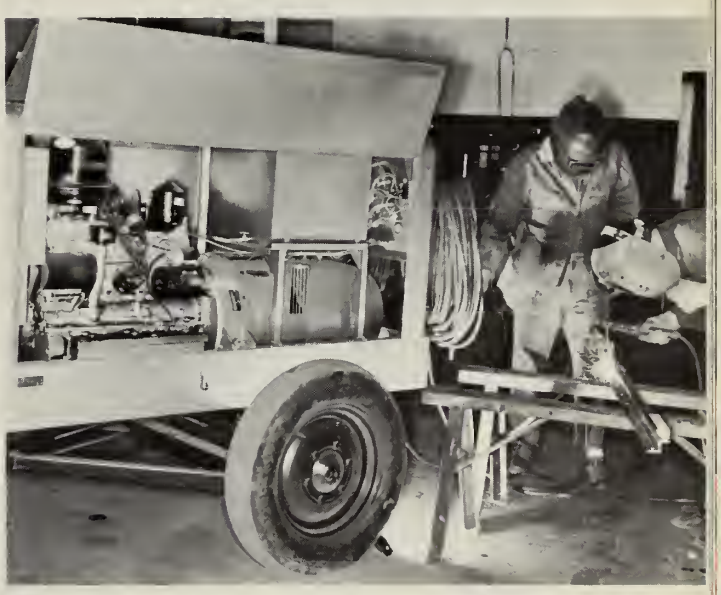
This Hobart Welder was installed in the Steel Fabricating Department in the Arcade Division, at a total cost of $2,000. This new machine produces a better weld 25 per cent faster than present equipment



Another new six-spindle drill has been installed in Department 427 where roving, duplicator and printing press parts are manufactured. This is a continuation of plans to set up a modern drill department where six new four-spindle and two six-spindle drills were installed about a year ago. These modern machines, which drill, counterbore, ream, tap and countersink, reduce setup time, while maintaining engineering tolerances and improved quality. The total cost of machine—$18,810

This Wadsworth Core Making Machine replaces two outmoded machines. This new core maker has a capacity for larger work and eliminates some of the more strenuous work at a bench. It also reduces present machine time approximately 35 per cent. The cost including installation was $1,500

The Flexible Core Blower pictured replaces two 23-year old machines in the Core Room. This unit will handle larger work than previous machine. It will draw automatically and will eliminate handwork cores. The cost was $3,100



A new portable welder has been purchased for $1,485 for the Millwrights and Structural Steel Department. This is a gasoline operated welder which can be used anywhere inside or outside the plant without the use of electric cords, etc. This unit will be particularly useful when welding equipment is needed at a time when electrical power is not available

# ORGANIZATION CHANGES

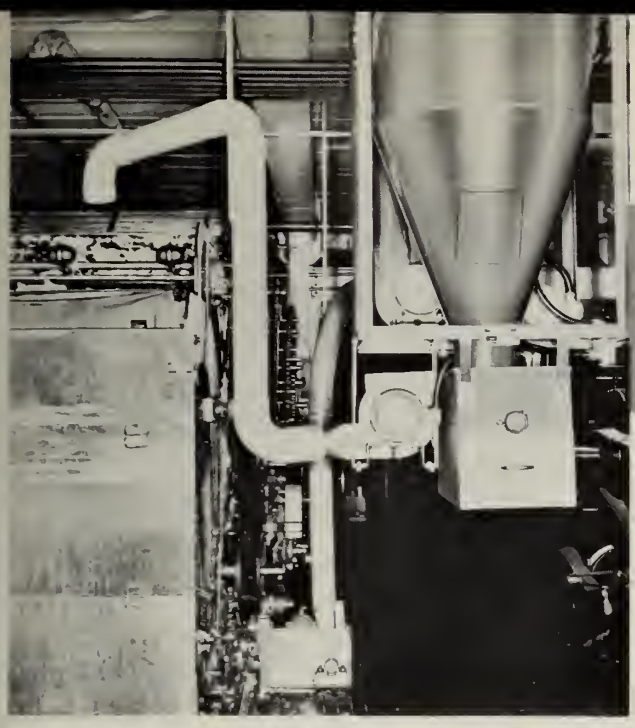
Henry A. Beaudoin has been appointed Foremon of the new Winder Deportment. He wos Foremon of Department 422. He will report directly to Divisionol Superintendent Ira Maghakian

Joseph L. Dow has been appointed Foundry Soles Engineer. In this newly-created position he will concentrate his efforts on bringing additionol work into the Foundry. He comes to Whitin from a large midwestern foundry where he was employed olso in the capacity of sales engineer. The territory he will cover is Pennsylvania, New York, New Jersey and New England. He will report directly to Harry F. Drinkwater, Monufacturing Monager's Stoff

Dean G. Perkins has been appointed Foreman of Department 422, Duplicator and ATF Assembly, in addition to his assignment as Foreman of Department 435, Flyers, Roving, Spindles, Covering ond Cleorers. He will repart directly to Divisionol Superintendent Ira Maghakian

Clifford Palm has been oppointed Product Manager, Twisters, succeeding Francis C. Skalko who resigned. Mr. Palm is a native of Lowell, Mass., a graduate of North Carolino Stote College, and comes to Whitin from U.S. Textile Machine Company where he held the position of Chief Engineer

Charles Peckham has been appointed Supervisor of Tool Control reporting directly to Iro Noroion, Manufacturing Engineer—Production. Mr. Peckham succeeds Mr. George Fullerton who has retired



Whitin's new Fiber-Miser Waste Reclaimer is positioned in an area adjacent to the cord feed. With this unit it is possible to reclaim up to 50% of the fibers in wool card waste. The collected waste is transferred through a pipe to the hopper section of the Fiber-Miser

# NEW WHITIN FIBER MISER SAVES WOOL, CUTS COSTS

WHITIN HAS DEVELOPED an outstanding new Card Room accessory for the retrieval of usable fibers from wool card waste. Called the Whitin Fiber-Miser Waste Reclaimer, it is so efficient, that up to 50% of the fibers in wool card waste, depending on stock being processed, may be reclaimed as usable and reprocessed starting at the card feed.

Mr. Harry Moss, Whitin Vice President and Manager of Wool Machinery Sales, and widely known in the industry, states, "In all my years of selling, seldom have I seen a piece of equipment come out, which offers woolen mills such a tremendous potential for savings. The recovery of these valuable wool fibers from card "waste" by the Fiber-Miser Waste Reclaimer enables mills to obtain more effective and complete utilization of costly raw material and to retain the maximum in usable fibers."

Other advantages offered by the new Whitin Fiber-Miser include:

- Reclaimed fibers are "opened and cleaned" before reprocessing.
- Card Room Cleanliness greatly improved.
- Waste handling reduced.
- Fire hazard greatly lessened.
- Capacity to process 50 to 75 lbs. per hour depending on stock.

Adaptable to most standard makes of woolen cards, the Whitin Fiber-Miser, in operation, is completely automatic while processing wool "waste." Push button stop-and-start switches are provided for both the blower and beater motors. Maintenance costs are minimal, with all rotating parts being mounted on self-aligning, sealed, anti-friction bearings.

The Whitin Fiber-Miser includes a slatted conveyor underneath the card, extending from the feed rolls to the doffer comb. A narrow cross traversing belt is positioned on the floor at the delivery end of the conveyor belt between the card and the feeder unit. The slatted conveyor drags the settled waste from front to rear, and onto the traversing belt conveyor which delivers the waste to a transfer suction pipe.

The collected waste is transferred through a pipe, to the hopper section of the Fiber-Miser which may be located in any convenient area adjacent to the card feed itself. The hopper section is a combination duster, blower and separator unit from which the reclaimed fibers are blown back into the card feed hopper after processing. Within the beater section, a rotating cylinder equipped with projecting pins, similar to the famous Whitin Axi-Flo Cleaner, buffets and opens the waste. While the waste is being cleaned, the impurities drop past the rotating cylinder, through the waste screens and into any suitable container placed beneath the waste chute.

An air stream passing above and around the beater diverts the cleaned stock through an opening in the beater box, returning the reclaimed wool to the feed hopper.

The power for a normal installation is supplied by five fractional horse power motors.

The Whitin Fiber-Miser Waste Reclaimer, because of its low initial cost, simplicity, ease of maintenance and tremendous potential for savings in raw material, is an accessory which deserves the serious consideration of every cost-conscious woolen manufacturer.

# Honor Roll

**February—1964**

Allen Hastings
Product Engineering
30 Years

## 20 Years

**Geert R. Bosma,** Milling

**Lawrence Morrison,** Cards, Winders and Miscellaneous Storesroom

**Roger F. Vallee,** Packing, Shipping & Receiving

## 15 Years

**Kenneth F. Jones,** Tool Room

**Sari Devlin,** Order Administration

**M. Leone St. Sauveur,** Executive Offices

## 5 Years

**Carolyn Ebbeling,** Traffic

**Thomas A. McCrory,** Steel Fabricating & Tin Cyl.

**Mark Spearman,** Foundry

**Maurice A. Thienpont,** Milling

**Louis G. Wesson,** A.T.F. Press Erecting

# the LIGHTER SIDE

NATIONAL SAFETY COUNCIL

*Sometimes the pressures we feel in life are not from the loads we are pulling, but from the weights we are carrying around with us in the form of hurt feelings, prejudices, hatreds, and animosities.*

The newly rich woman was going through a "culture" routine and at this particular moment was standing in front of a painting at New York's famous Metropolitan Museum. It was a beautiful oil of a ragged but happy vagabond.

"Well," exclaimed the woman indignantly. "How do you like that? Too broke to buy a decent suit of clothes, but he can afford to go out and get his portrait painted."

* * *

A young husband received a telegram saying that his mother-in-law's body had been found floating at the seashore, a lobster attached to each toe. He was asked to reply by wire, giving instructions for disposition of the body.

Without hesitation he telegraphed back: "Sell the lobsters. Set her again."

* * *

The small planet, breaking out of its orbit, danced around the sun and then cut a few capers around the moon. The mother planet, becoming aware of the upset conditions called sharply, "Junior, what out of this world are you doing?"

Breathlessly, the small planet raced toward her, "Look, Mom," he shouted, "No gravities!"

* * *

Leaving the plush Stork Club one night, a miserly gentleman stalked right past the doorman without tipping him. Nevertheless, the doorman helped the man into the car with a flourish and said pleasantly, "In case you happen to lose your wallet on the way home, sir, just remember that you didn't pull it out here."

* * *

A visiting evangelist was discussing the raising of Lazarus from the dead.

"Now, how do you suppose Lazarus came out of that tomb?" he asked.

A small hand shot up and a boyish voice was heard: "Fast!" he answered.

* * *

Trying to sell a housewife a home freezer, a salesman pointed out, "You can save enough on your food bills to pay for it."

"Yes, I know," the woman agreed, "but you see we're paying for our car on the carfare we're saving. Then we're paying for our washing machine on the laundry bills we save, and we're paying for the house on the rent we're saving. We just can't afford to save any more money right now."

* * *

A preacher was trying to impress on his flock the heat and fury of hell.

"You've all seen molten lead running out of a furnace, haven't you?"

"Amen," the congregation answered in the affirmative.

"Well, they use that stuff for ice cream in the place I'm speaking of."

# News Roundup

## John Sitnik Receives "Man-in-the-Booth Award"

John Sitnik, Duplicator Service Engineer, has been selected as one of the winners of the Business Equipment Manufacturers Association's first annual "Man-in-the-Booth Award" for outstanding representation of his company and its products and services at the Business Equipment Exposition in the New York Coliseum during the week of October 28–November 1, 1963. John was representing Whitin at Ditto's first showing of a new product line of duplicators.

Harry C. Anderson, President of Bema, had this to say to John in his letter which accompanied the award:

"Professional judges chose you on the basis of appearance, alertness, approach to visitors, sales presentation and demonstration of user benefits, and completion of your presentation including the name of the visitors and scheduling of appointments.

"Please accept our congratulations and the enclosed certificate and small memento for a job well done and one which, we are sure, your company appreciates."

John Sitnik (center), Duplicator Service Engineer, receives congratulations and "Man-in-the-Booth Award" from Clayton W. Adams, Manufacturing Manager at Whitin. Harry Drinkwater, left, presented to John a pocket secretary. This memento and the award were forwarded to Whitin from the Business Equipment Manufacturers' Association sponsors of the recent Business Equipment Exposition in New York. John was representing Whitin at Ditto's first showing of a new product line of duplicators

## Waste Picking Simplified with New Electric Hand Picker

A new streamlined portable electric waste picker, scarcely larger than an electric tooth brush, now makes a lighter operation of the previously tedious task of waste picking in and around the spinning drafting zone.

This device, called the Pikitor Portable Waste Picker, has been developed by the Casablancas High Draft Co., Ltd. of England and is currently available from the Whitin Machine Works, Whitinsville, Mass. and Charlotte, N.C.

In addition to its effectiveness as a cleaning tool, the Pikitor eliminates the inconvenience and hard work associated with having the operator dragging or pulling power cords or air hoses behind her as she goes from frame to frame. The expense of trucking damage to such power cords or air hoses while lying on the floor is also saved.

The picking unit itself consists of a small hand motor and spindle. The motor casing is of a slender, tapering design which easily fits into the hand of the operator and is activated by pressing a long rectangular switch on the side of the casing. The pressure on the switch may be applied by the thumb or finger tips, at the operator's discretion. The spindle and motor stops automatically when the switch pressure is released. A wrist strap is also provided to prevent the operator's accidentally dropping the motor unit. A short section of cord connects the power unit to its battery.

The Pikitor Portable Waste Picker fills a need for a simple convenient tool for cleaning in the drafting zone—a tool that greatly lightens an otherwise tedious task for the operator, while at the same time cutting the expense of damaged power cords and/or air hoses.

The National Shawmut Bank of Boston, at the annual meeting on January 28, elected to the Board of Directors Norman F. Garrett, President of the Whitin Machine Works

## *ALFRED S. WOODWORTH NEW WHITIN DIRECTOR*

Mr. Alfred S. Woodworth, of Chestnut Hill, Mass., 1st Vice President and Director of the State Street Bank and Trust Co. of Boston, was elected a Director of the Whitin Machine Works, Whitinsville, Mass. at a meeting of the Board of Directors at the Company's offices on January 10, 1964. Mr. Woodworth's election fills the vacancy on the Board caused by the death of Mr. Sydney R. Mason in September, 1963.

A graduate of Middlesex School, Harvard University, and Harvard Business School, Mr. Woodworth has made banking his primary business interest since joining the old Second National Bank of Boston upon graduation in 1931. He is widely known in banking and financial circles in New England and nationally.

Mr. Woodworth's interests are wide and varied and he is affiliated in an official capacity with many organizations. He is Director of Mass. General Life Insurance Co., the Mass. Business Development Corp., and the Mass. Small Business Investment Co., Inc.; also Treasurer and Director of Codex Books, Boston. He is Treasurer of the Boston Legal Aid Society, also a Trustee of the Boston Five Cents Savings Bank and Fellows Athenaeum of Boston. He is a member of the Board of Managers, Norfolk House Center, Roxbury, Mass. and a member of the Corporation and Executive Committee of Windsor School of Boston.

Mr. Woodworth served in the U.S. Navy in 1941 to 1945 attaining the rank of Lieutenant Commander.

## Whitin Developments Attract South Carolina Mill Officials

To keep abreast of latest developments in textile machinery, a delegation of executives from the third largest textile mill organization in the country, United Merchants and Manufacturers, Inc., visited Whitin Machine Works in Whitinsville, Mass., in February. The group, headed by Mr. V. O. Roberson, Jr., Vice President, Fabric Production Division, Greenville, South Carolina, included Divisional and Plant Managers and Engineers from a number of their widely scattered plants.

Whitin representatives, headed by Mr. J. H. Bolton, Jr., Vice President, Marketing, were hosts to the visitors. The group discussed new machinery developments and trends, and then made a tour of the Research Division. Luncheon was at the Uxbridge Inn.

United Merchants and Manufacturers, Inc., with thirty-three plants and 32,000 employees attained a sales volume of $488,000,000 in 1963. Their wide range of textile products utilizes nearly all commercial textile fibers, including cotton, wool, synthetics and glass. The company's main offices are in New York City. Its plants are located in South Carolina, North Carolina, Georgia, West Virginia, Massachusetts and Canada.

Assisting Mr. Bolton for Whitin were: Messrs. R. I. Dalton, Jr. (Charlotte, N.C.), R. W. Dunn (Spartanburg, S.C.), C. R. Brussee, T. K. Brown, Louis Marth, M. D. Pearson, Ralph Lux, Clifford Palm, R. F. Waters, P. H. Farmer (Westfield, Mass.), F. M. Johnson, and G. F. McRoberts.

## 14 Employees Retire

Peter Kooistra, 50 years
Karl H. Rankin, 46 years
George R. Fullerton, 42 years
Leland A. Allen, 41 years
Amede E. Talbot, 38 years
Albert DeJong, 37 years
George H. Mellor, 30 years
Walter R. Curtis, 28 years
Hector A. Lemoine, 21 years
Arthur J. Johnson, 20 years
Bertha M. Ledue, 20 years
Albert Zuidema, 17 years
Albert G. Gauthier, 17 years
William R. Dixon, 8 years

MYSTERY PHOTO—Seated on the hood of this car of early vintage, on the left, is George Kellstrand, Purchasing Department. If you need a clue to identify the employee on the right, he has been active in sports as a participant or coach before he was even a teenager

## In Memoriam

George J. Deschene, 66, died January 11 in Providence. He was a toolmaker at Whitin for many years before retirement in 1952.

Harold E. Libby, 62, supervisor in the Shipping Department, died on January 9. He was a Whitin employee for 20 years before retiring last April.

Thomas Crompton, 90, died on January 16. He worked at Whitin for 50 years before retiring after World War II. He was a machinist.

John T. Kerrigan, 65, retired, died in Woonsocket on January 23.

Armand Benoit, 60, died January 25 in the Whitinsville Hospital. He was an inspector at Whitin before he retired in March 1960.

## We'll be around tomorrow, too

For 132 years, Whitin has served the textile industry by filling its needs for a wide variety of preparatory machines. The industry has also been good to Whitin. We have lived with it, grown with it and have shared in the profits which its successes have brought. It has provided us with the organizational strength, stability and financial resources which will enable us to maintain and expand our research and development programs, improve the quality and efficiency of our machines and to keep those machines supplied with parts and service for many years to come.

You get "extra" values — some of them intangible — when you buy from Whitin and among the more important is corporate strength.

**Whitin**

*THE BEST WAY TO BETTER YARNS*

WHITIN MACHINE WORKS: CHARLOTTE, N. C. • GREENSBORO, N. C. • ATLANTA, GA. • SPARTANBURG, S. C. • WHITINSVILLE, MASS.

WHITINSVILLE SOCIAL LIBRARY

# The WHITIN PROFILE

APRIL 1964

The WHITIN
PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

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## From Stanley Steamer to Studebaker

Stanley Steamer, 1896–1926; Locomobile, 1894–1924; Peerless, 1900–1932; Stevens-Duryea, 1902–1926; Franklin, 1902–1934; Auburn, 1903–1936; Stutz, 1912–1936; Jordan 1916–1932 and—

Studebaker, 1902–1963.

These are only a few of the famous names in automotive history that have disappeared off the highways after twenty or more years of providing employment for thousands. The last, Studebaker, is still on the highway, but its South Bend plant will soon be finally closed and 5000 people will be jobless. In 1952 the plant had 23,000 people on its payroll.

Why did Studebaker quit? There were many reasons—but they lost the one thing that any of us living under the free enterprise system cannot lose—incentive. Without profit, there is no incentive to continue business. Without profit, there is no capital to keep up the competitive race with other manufacturers. Profit, in our free economy, provides the base which supports high wages, creates jobs, and rising production, provides for research, and pays the bulk of all taxes.

## WHITIN PERSONALITY

FRANCIS J. LOWE, Foreman of the Top Roll Department, was born in Blackstone on May 6, 1914. He was, however, reared in Uxbridge and in 1931 graduated from Uxbridge High School.

Before starting his employment at Whitin on December 19, 1935 he worked for the *New York Daily News* in Astoria, Long Island and the Stillwater Worsted Company in Harrisville, Rhode Island.

At Whitin, he first worked on the Drawing Erecting Floor and while in this department he attended the Rhode Island School of Design three nights a week taking a machinist course which he completed in two years. On September 6, 1949 he was made Assistant Foreman of the Drawing Job and was appointed Foreman on June 5, 1950. Ten years later when it was decided to erect drawing frames at the Fayscott plant in Dexter, Maine, Francis was appointed Assistant Foreman of Department 429. On May 22, 1961, he was appointed Acting Foreman of Top Roll Department and on December 26, 1961 he was promoted to Foreman. He has been in this department since that time. He has charge of an average of 50 employees who make and assemble rolls for spinning frames, twisters, roving and combers.

He married the former Ellen Johnson of South Sutton on February 22, 1936. They have two daughters, a son, and two grandchildren. Eleanor, 24, a registered nurse, is married and lives in Italy where her husband is stationed with the U.S. Navy. Janice and Andrew, twins, are 19 years old. Janice is with the State Mutual Assurance Company where she works as a clerk and Andy is a student at Upsala College, East Orange, New Jersey. He is studying to be a minister.

Francis is a member of the Solomon Temple Lodge, Uxbridge and is Treasurer of the Emmanuel Lutheran Church, Worcester. He has lived at 32 Tatman Street, Worcester for the past five years.

For hobbies, he particularly enjoys candlepin bowling during the winter months and in the summer likes to attend baseball games with his family at Fenway Park.

FRONT COVER: Keeping more than 2300 machine tools in first-class operating condition is a full-time job for the 28 men of the Machine Tool Maintenance Department. Daniel Brennan, of the small tool and office equipment section of the department, is making adjustments on registering mechanism on a Ditto Machine which is used in one of the offices. A story about these maintenance men and their important contribution toward keeping our machine tools operating at a high-level of efficiency appears on Page 8.

# WHERE the River Shannon flows

Top: View of the modern factory of Lana-Knit on the Shannon International Industrial Estate

The Shannon Free Airport Industrial Estate with housing development on the right, and the flatlands of Clare stretching away to the hills

On the north bank of the Shannon, Ireland's longest and loveliest river, just fifteen miles below the old city of Limerick, is Europe's most unusual industrial zone. Here, within the tax-free bounds of Shannon International Free Airport, are firms from all over the world, manufacturing and distributing a wide variety of goods by air—ranging from diamond-tipped drills to pianos and from ladies fully fashioned knitwear to electronic components.

The Industrial Zone is part of a major plan put into operation just over five years ago by the Irish Government sponsored body, the Shannon Free Airport Development Company, to increase the flow of traffic through Shannon by a fuller utilization of free airport facilities and counter the threat to employment at the Airport presented by the introduction of long range jet aircraft on the great North Atlantic route.

There are now twenty international concerns, representing American, German and British, Dutch, Japanese and South African interests on the Shannon Industrial Estate, all distributing goods, by air, to world markets. One of the most progressive of these firms is a subsidiary of the well-known

One of the Whitin Roving Frames installed by Harry Antarian at the Lana-Knit plant

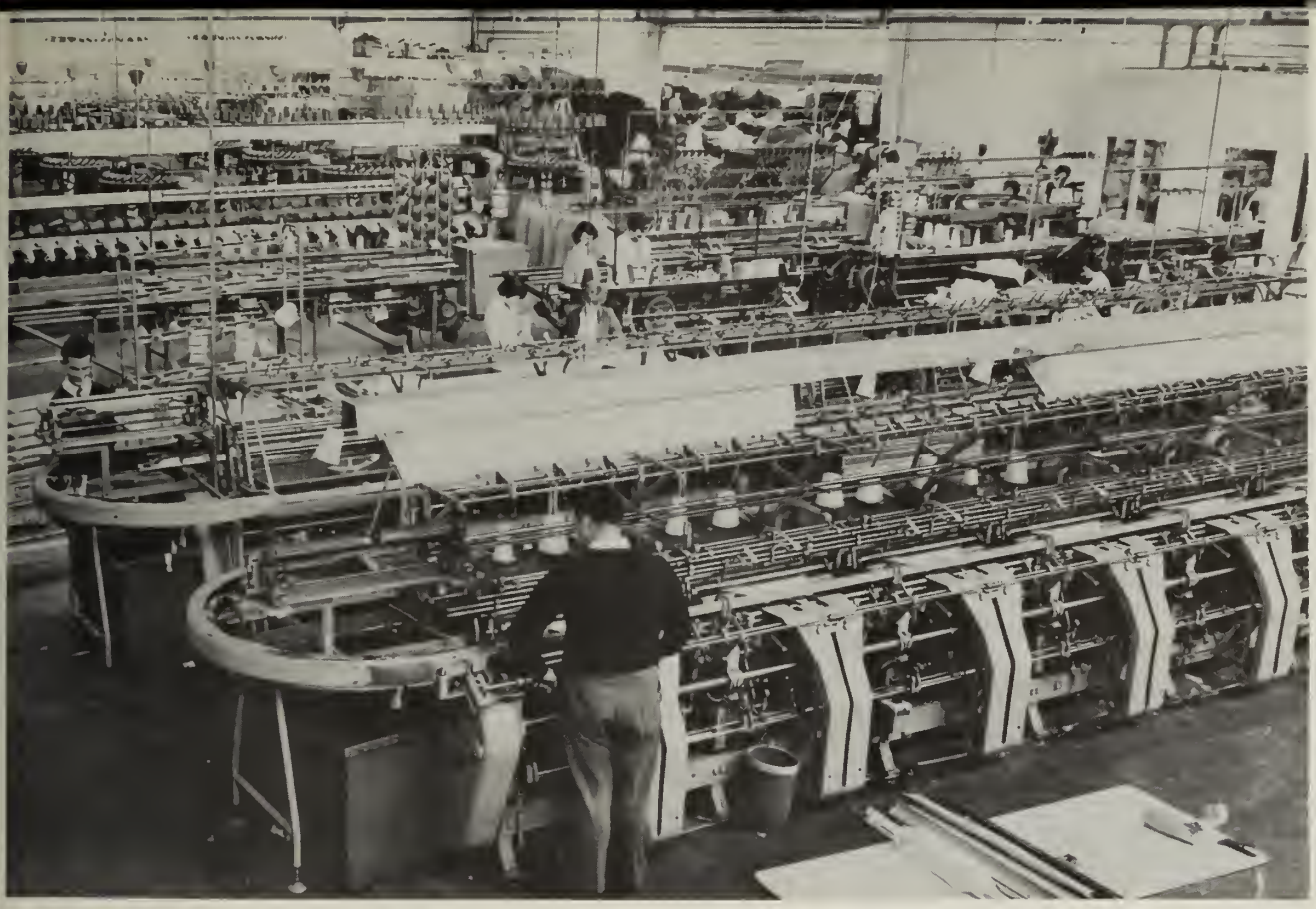
American textile manufacturing company, Jonathan Logan, which trades at Shannon under the name of Lana-Knit (Ireland) Ltd. This operation at Shannon is comprised of three plants—a spinning mill, a dye works, and a knitting factory. Adding one more touch to the ultra-modern spinning mill of Messrs. Lana-Knit in January was Harry Antorian of 40 Overlook Street, Whitinsville. Harry, who has been on the staff of the Whitin Machine Works for over 17 years and whose job takes him on trips all over the world, flew into Shannon just before Christmas to supervise the installation at the Lana-Knit factory of six new Whitin Roving frames. On arrival at Shannon, Harry was met by the Manager of the Spinning Factory, Mr. Pilkington and during his short stay in Ireland he lived at the Shannon Shamrock Inn, a pleasant, modern ranch-type hotel just seven miles from the Shannon Industrial Site.

Unfortunately for Harry, pressure of work and the short daylight hours of December and January robbed him of many an opportunity of touring the south of Ireland. This was particularly unfortunate as Shannon is a recognized stepping-off point for tours of such popular places as Killarney, Glengarriff, Blarney and Galway, which lie no more than a hundred miles from the Airport. Many famous deep-sea fishing and trout angling resorts are also within a couple hours drive. Within easy reach, too, of Shannon, are some of Ireland's most beautiful beaches and of course, the Shannon River, upon the bank of which the Airport is situated, is well-known for its broad lakes and wooded islands.

Harry Antarian

However, Harry was able to add many Irish people to the huge list of friends he has made on his many trips abroad and visit numerous places of interest in the immediate vicinity of Shannon.

Harry was very impressed with the many developments taking place in the Shannon Region; developments that are part of a tremendous change that is taking place in Ireland at the moment—a change from the old to the new. Throughout the country, new industries are springing up, and new jobs are being created for young Irish boys and girls who half a century ago would have gone to

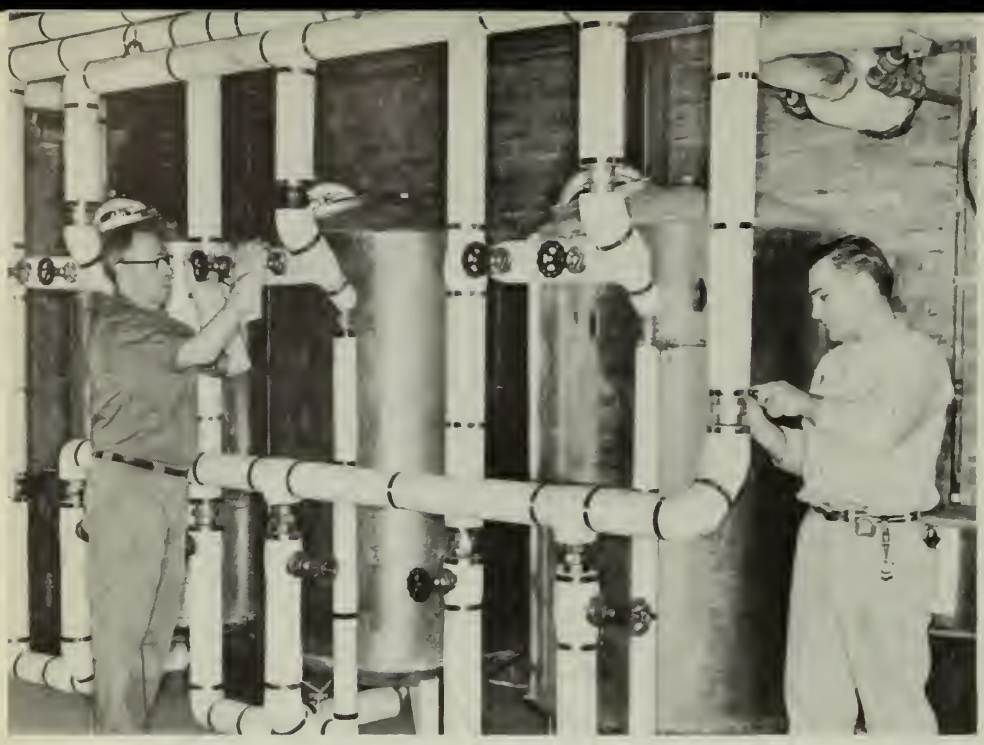


A general view of the Lana-Knit plant. Knitting machines in the foreground are fully automatic. Below: In the grounds of the old 15th Century Norman Castle of Bunratty is the ranch-type hotel, seven miles from the Shannon Airport where Harry Antorian stayed during his visit

foreign lands to find work. Ireland is one of Europe's youngest nations without any background in industry. It is faced with the difficult task of getting abreast of the great industrial nations of Europe. But because Ireland is a new nation its people are approaching this task with tremendous vigour and all over the country new industrial sites are being developed on similar lines to those of the Shannon Industrial Estate.

As Harry Antorian pushes on to his next assignment in England, he can be proud that the Shannon Free Industrial Estate has benefited by his short stop over there and that the up-to-date Whitin machines he installed at the Lana-Knit textile factory will play a small but reliable part in Ireland's industrial development programme as Whitin machines have done in a thousand other countries around the world.

THE WHITIN PROFILE *wishes to thank Mr. Pilkington, General Manager, Lana-Knit (Ireland) for making the arrangements for the preparation of this article and to Mr. Vincent Tobin, Public Relations Officer, Shannon Free Airport Development Company, Ltd., for the interesting text and excellent photographs.*



Leon Duda, steamfitter, is finishing piping installation while Burton Baird opens valve which allows backwash of No. 2 filter. Backwash removes impurities filtered out of the makeup water

# NEW FILTRATION PLANT INSTALLED IN POWER STATION

By Lawrence R. Ball

In order to meet the requirements for the electricity, compressed air, heating and process steam, needed to maintain full production in the Whitin Machine Works, our steam boilers, at times, are called upon to transform nearly 1500 tons of boiler feed water per day into high pressure steam at 450 pounds per square inch and 750 degrees fahrenheit.

Steam, after giving up heat energy, condenses back to water, which we call condensate, and it is then pumped back to the boilers for the generation of more steam. It is our aim to recover as much condensate as possible, as this source of boiler feed water is distilled water, free of impurities, and in our case, constitutes about 80% of the boiler feed water requirements. The remaining 20% needed for steam production is known as make-up water, and this can be obtained either from the town water supply or from the Mumford River.

The foregoing is mentioned so that the purpose of this new equipment will be better understood.

Prior to the installation of our new filtration plant, town water was used for boiler make-up. However, with our new equipment, we chlorinate and filter our pond water supply and the resulting product is better for boiler make-up purposes than the town water supply.

Our filtration plant consists of a 1500 gallon capacity detention tank and three activated carbon filters. River water, for boiler make-up, is chlorinated, using sodium hypochlorite; it then passes to the storage tank, or detention chamber, with a retention period of 20–30 minutes. A small amount of heat is added to the storage tank to permit faster reaction between the chlorine and the organic matter and iron present in the water supply. From here the treated water is pumped through the three activated carbon filters for the removal of the chlorine, the organic matter, the iron, and the detergents present in the river water supply. It then passes into our pre-boiler system.

The sodium hypochlorite (12½% solution) is received in 55-gallon drums, and a small pump or feeding unit injects about 1/3 gallon of chemical per hour into the water supply ahead of the detention tank.

The three activated carbon filters are operated in parallel and they have a service flow rate of 28 gallons per minute per unit. Thus, with all three in operation, we have a flow potential of 84 gallons per minute. Each day one filter is backwashed to remove the impurities filtered out of the make-up water, and while one filter is being backwashed,

Burton Baird checks temperature element on detention tonk. Here 1500 gollons of water ore mixed with chemicols

Charles Minior checks pumping unit which controls flow af water from detention tank to filters

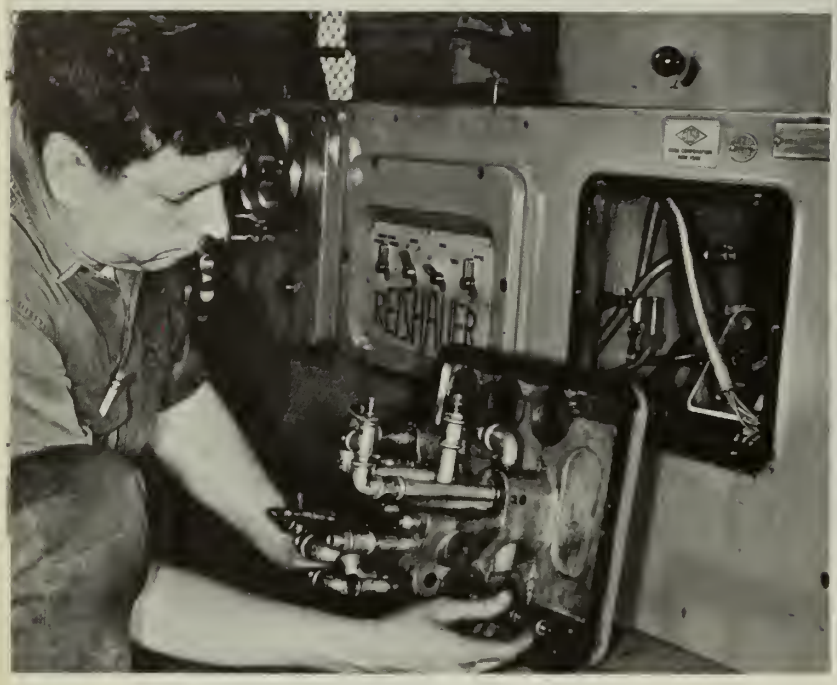
the remaining two filters are in operation, which requires a flow of 128 gallons per minute and this is the figure which had to be used in determining the capacity of the pump.

In addition to this filtration equipment, we have installed a high pressure feed water heater, not shown in the photographs. The purpose of this heater is to heat the boiler feed water from 218° F to 290° F, utilizing exhaust steam from steam turbines after the high pressure steam has done its work in the generation of power, and in this way, we recover waste heat and return it to the boilers, thus cutting down on fuel costs.

This heater is also installed as a protection for our boilers. In the oil firing of boilers, using economizers and heat recovery equipment, it is very important that the boiler feed water temperature be maintained at a minimum of 260° F, so as to prevent corrosion of the boilers due to sulphuric acid fumes which are carried through the boiler with the flue gas.

We are constantly looking for ways to cut costs. This new equipment for our Power Plant is estimated to cost $12,700 and we expect that our savings in fuel, water, and chemicals will pay for this equipment in one year.

Wallace Gaddas reads meter which tells the amount of moke-up water being used



Chester Frieswick is fitting a work slide control volve in a Hydraulic Unit from a Reishauer Geor Tooth Grinder. (Tolerance .0002 to .0003''.)

John Deschene, working twenty feet underground, is repoiring one of the water wheels. He has removed three water wheel operating gates so that an inspectian can be made of the impellors, some of which will be replaced with new runners and shafts

# Machine tool MAINTENANCE · · · more efficient PRODUCTION

Man is the only living thing that has been able to construct machines to do his work for him. Through machines man has been able to multiply the relatively weak forces of his own muscles, and harness the energy found in natural resources.

In modern society, machines are used in every aspect of life. Because we use so many machines, the age in which we live is often called the Machine Age.

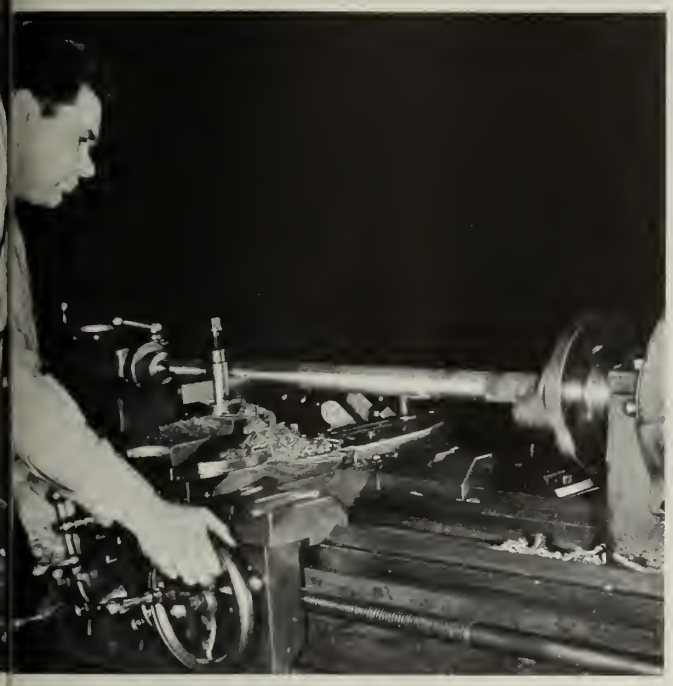
With machines we extend one pair of hands to twenty, multiply one brain a hundred times, put wings upon our feet, and in a thousand other ways add to our stature.

At Whitin there are more than 2300 power driven machines. These are known as machine tools and range from small devices to huge metal mechanisms weighing many tons.

The responsibility of keeping these machine tools operating at peak efficiency falls upon the 26 men of the Machine Tool Maintenance Department who work to hold each machine to the standard tolerances originally established by the manufacturer.

Machine tool maintenance takes place on a wide variety of electrically controlled and hydraulically operated grinders, lathes, millers, drills, boring machines, shapers, planers, punch presses, bending presses, shearing presses, welding machines, gear cutting machines, as well as water wheels and all wood working machinery. In the small tool area there is maintenance work on drills, chucks, tapping attachments, air tools, air controls, office machines and drafting equipment.

It is not surprising that the personnel of this department, 18 of whom are first class maintenance



Kenneth Guertin is turning o shaft for a fon used in a tempering furnace

men, handle more than 125 repair and maintenance assignments a week as the average machine has several hundred parts and even new machinery requires good maintenance to operate efficiently and profitably.

Their daily jobs vary from minor repairs to major overhaul of machines. The majority of repairs require the replacement of worn or broken parts and units such as gears, worms, worm wheels, cross slides, screws and nuts. On the other hand, when overhauling is required the machine is completely dismantled, cleaned, and all parts such as bearings, gears, clutches, etc., are checked. If they do not meet the proper standards new parts are installed. All sliding surfaces are scraped to the tolerance of a new machine. After the machine is re-assembled, it is painted, checked for proper operation and only then pronounced ready for production.

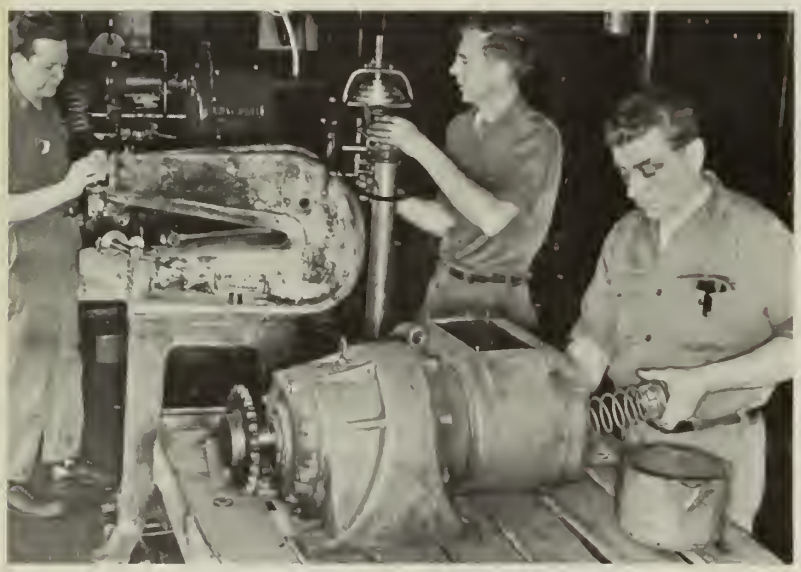
There are times when the personnel of this department work on heavy equipment, such as cranes in the yard, where tolerances will be in 32nds of an inch and the next day these same men will be working on machinery where tolerances of .0001″ will be required. Also, they are often requested to make a part, or parts, for a machine. While the department stock room carries a large supply of replacement parts, it would not be feasible to carry enough parts to cover the entire 2300 machines. Therefore, rather than wait for a replacement part from the manufacturer of the machine to be repaired, it is often more economical and faster to make the part so that the machine can be put back into operation as rapidly as possible. They may even be asked to make parts and build a complete special machine from blueprints.

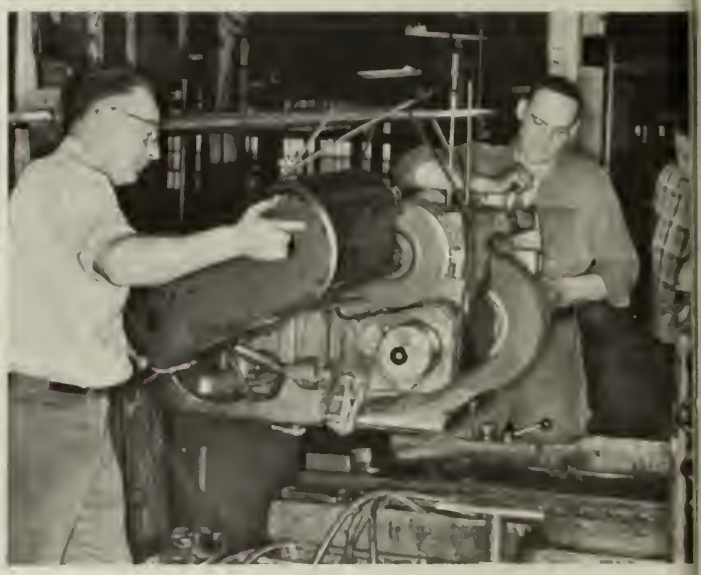
The department also has its share of bookkeeping. Every machine tool in the plant has a card which gives its maintenance history. This information comes from work orders which are issued when maintenance work is done. From this information, patterns of wear become evident and maintenance schedules are adjusted accordingly.

While machine tool maintenance varies somewhat from the work of other departments the objectives are the same: to reduce lost production and to reduce scrap, rework and idle manpower. This means more efficient production in an area of intense competition when you need both quality products and low prices to win customers dollars.

Lou Lefebvre, scraper hand, is scraping the "V" ways off the cross-slide base from o Heald Internal Grinder. This grinder would not hold tolerance to .0001″. This was one of the steps taken to obtain this tolerance

Pete Brousseou is handling a chain fall while Al Gregoire is getting ready to guide eccentric shaft into vibrating unit of Lorco Vibrator used for polishing parts. On the left, William Baker is test-running a Milwaukee Milling Machine which was completely overhauled to new machine specifications, and a climb miller unit added for better finish of work. Edward Postma, center, Foreman of the department, is shown supervising the work





Foreground—William Larochelle is assembling a variable speed drive which was completely overhauled and which will be installed to operate a tumbling barrel used to polish parts. Center—Harman Miedema is assembling a drill head to a column. The drill head was dismantled, new bearings, pulley, and spindle quick return spring are being installed. Background—George Neely is making a complete overhaul of a sheet metal nibbling machine. He is shown assembling a nibbler unit to the end of a drive shaft. Above: Walter Richardson and Leo Eramo are dismantling a No. 3 Cincinnati Centerless Grinder Feed Wheel Unit from the main base of machine. They will install new way slides and slide bearings which will enable the grinder to grind to the tolerances required. Assistant Foreman Joe Rosal, on the right, is supervising the operation

# Honor Roll

March—1964

Henry Such
Box Making
30 Years

Lester A. Sheldon
Cabinet & Maint. Carpentry
30 Years

Iro Maghokian
General Supt. Staff
30 Years

Armand V. Poulin
Production Stores
25 Years

Joseph H. Fenner, Jr.
Wood Patterns
25 Yeors

Raymond W. Gourd
Packing, Shipping, & Receiving
25 Yeors

## 25 Years

**Raymond J. Bassett,** Inspection

**Albert Belanger,** Tool Room

**Bernard Patsky,** General Machining

## 20 Years

**Bernard Chosta,** Foundry

**John J. O'Brien, Jr.,** Large Planers

## 15 Years

**Henry G. Nydam,** Plant Engineer's Staff

**James E. Peacock,** Southern Shop

## 5 Years

**Armand D. Champagne,** Spinning & Twister Stores

**Louis A. Coulombe, Jr.,** Milling

**Leo R. Deschenes, Sr.,** Large Planers

**James A. Dickerson,** Foundry

**Louis R. Forcier,** Traffic

**Roger J. Lachance,** Inventory Control

**Charles A. Munsch,** Roving, Comber, Picker Stores

**Richard A. Roy,** Packing, Shipping, & Receiving

**Clarence E. Scanlon,** ATF and Duplicator Stores

**Cornelius B. Spencer,** Foundry

**Robert P. Steele,** ATF and Duplicator Stores

# *The Whitin* AUDOMAC DOFFER SYSTEM *operates around the clock*

By Myron B. Chace

Two Whitin Audomac Doffer Systems are installed in the Joint Research Prototype Mill in Spartanburg, S.C. This is a modern mill constructed in 1962 with some of the most advanced textile technological developments in the world. This mill operates continuously around the clock, seven days a week. The mill was put into full operation in the Fall of 1962 and has operated continuously ever since except for a vacation shut-down.

The spinning frames are doffed with the Whitin Audomac Doffer System which is manufactured under an exclusive U.S. license from the Deering Milliken Research Corporation.

This particular system has a crane width of 50 feet and approximately 55 feet long. The total weight of each overhead doffer is approximately eleven (11) tons when carrying a loaded creel.

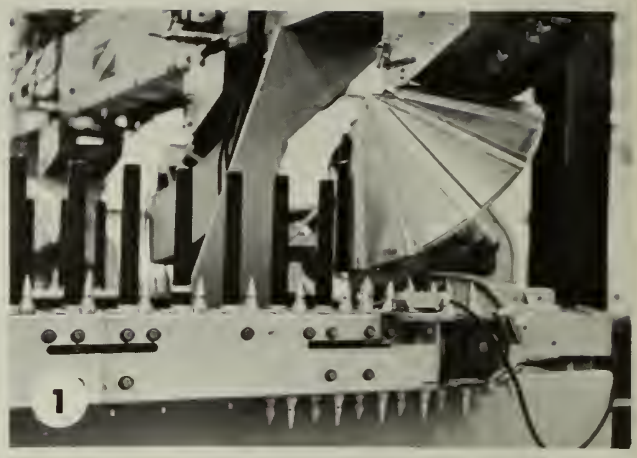
The spinning frames are the sliver-to-yarn type, having 360 spindles per frame.

The Audomac must operate with a minimum of maintenance as the entire spinning operation is dependent upon it.

The Audomac System is superior to any known spinning frame doffer in the world today. This is due to the fact that it is a system of bobbin handling, doffing, cleaning and creeling as opposed to doffing machines only. This is an advanced development that is being considered by practically every new mill either constructed or being designed.

A major portion of this equipment falls within the scope of our manufacturing equipment at Whitin and it is anticipated that as additional systems are manufactured, the work will be done in our own shops.

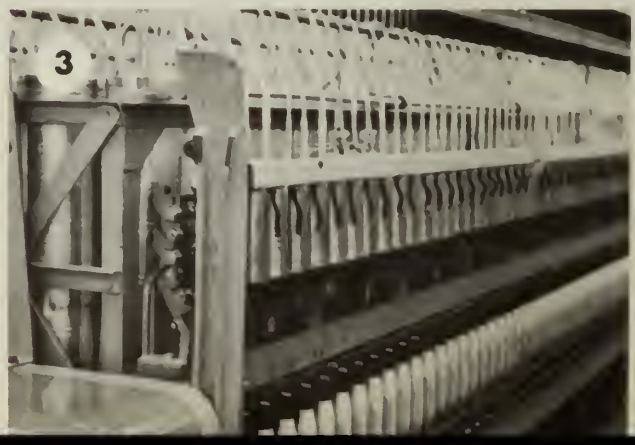
A total of six systems are now in operation and an additional 26 are on order.



1. The empty bobbins are properly oriented and conveyed from the sorter or storage bin by an overhead cleat conveyor to the loading station. The bobbins are released by a series of electrically operated gates from the cleat conveyor to a cone having slots oround its circumference. The cones rotate transferring the bobbins from o horizontal position to a vertical position on a moving peg conveyor. The distance between the centers of the pegs corresponds to the gauge of the frame

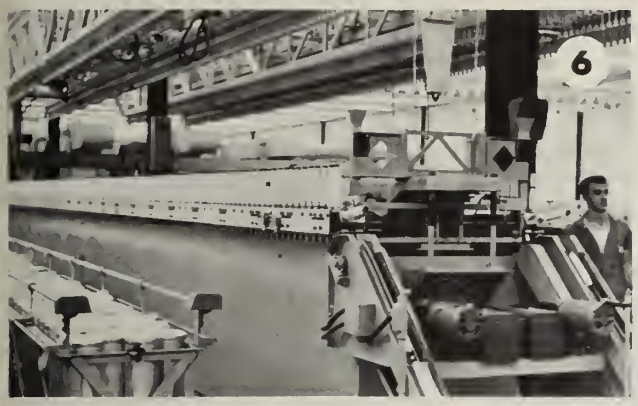
2. The overhead doffer carrier is locating itself automatically over a spinning frame ready to be doffed. The empty graspers have a full complement of bobbins equal to the number of spindles on the spinning frame. In this case a total of 360 or 180 on each side of the frame

3. The frame is prepared for doffing in the conventional manner by the Audomac operator. The full graspers are lowered by a push button controlled hydraulic system. The graspers are guided by channel type guides located at each corner of the spinning frame

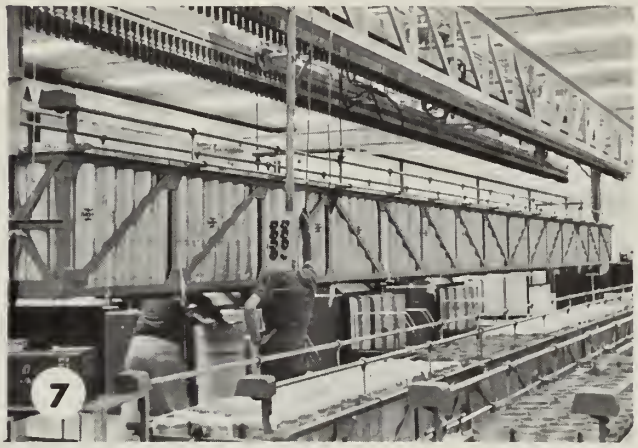


4. When the full graspers have been lowered to the bottom taper of the bobbin, they stop and the rubber lined graspers are inflated with air. The grasper rails are then raised doffing the entire frame simultaneously. The empty bobbins are then donned in the same manner by lowering the empty grasper rail in the same guides and releasing the air holding the bobbins

5. Both rails are then raised and the doffer returns automatically to the loading station. By push buttons the operator lowers both full and empty graspers at the loading station. The full bobbins are deposited on the row of pegs shown in front of the empty bobbins and the empty bobbins are picked up. The doffer is then ready to doff the next frame



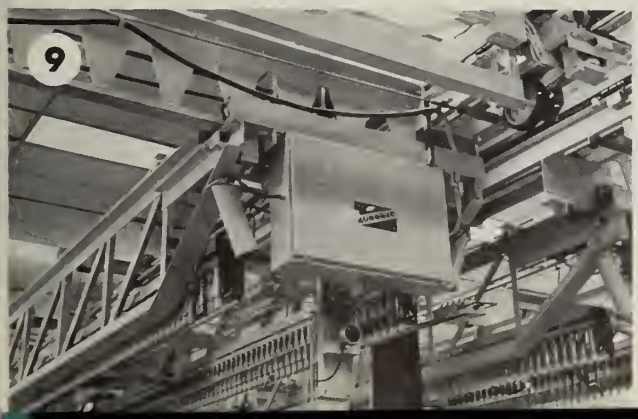
6. The loading station peg conveyor is then started and the full bobbins are removed as the peg conveyor rotates around the sprocket at the end. The full bobbins are conveyed by a belt conveyor to the winding room on the floor below



7. The Audomac is used to power block creel the spinning frames as well as to doff them. The creel, containing 360 cans of sliver, is hoisted up from the floor to be conveyed to a spinning frame

8. The creel, weighing approximately 5000 lbs. when loaded, is carried overhead to the frame to be creeled. The entire creel is lowered into the spinning frame and the ends pieced up by the spinners

9. The various electrical controls to operate the crane and carrier automatically are located on the end of the doffer carrier. The cylinders angled in on each side of the control cabinet contain photo electric cells that automatically spot the doffer over the frame for either creeling or doffing



10. A separate crane, carrying a cleaning system, travels back and forth over the frames to automatically blow down the frames and pick up the floor sweeps. The square trunks with nozzles in the side are blowing filtered air against the frames to clean them. The round hoses hanging adjacent to them are vacuum waste collectors that pick up the floor sweeps and deposit them into a central collection system automatically

# News Roundup

## Award Received from U.S. Department of Labor

An award has been presented to Nicholas DeHaas, Director of Apprentices, in recognition of the Company's apprentice program which is considered outstanding by both national and state standards for its quality of instruction and scope of its curriculum.

The award was presented by Jerome Haggerty, Jr., State Supervisor, United States Department of Labor, Bureau of Apprenticeship and Training, on February 6, in the Whitin Apprentice School. Only four of these awards were made in Massachusetts.

## New Whitin Scotsman —The High-Value Roving Frame

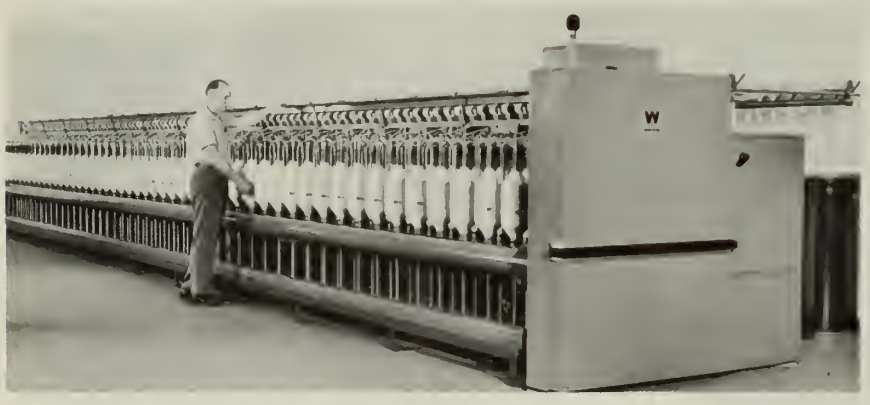
"The new Scotsman Roving Frame is an outstanding example of a product built to meet the customers' needs," stated John H. Bolton, Jr., Vice President, Marketing, in commenting on the introduction of this new machine to the textile industry. Mr. Bolton continued, "Orders have recently been taken for a considerable number of these new machines. These orders were placed only after extensive side-by-side evaluation of the Scotsman against other available roving frames. It is apparent that our research, indicating a mill need for a simple, low-cost, large package frame, was well-founded."

The Whitin Scotsman is an important development. Its availability offers mills an unequalled opportunity to modernize their card rooms effectively —but economically. It is a thrifty, dependable, hard-working roving frame, designed, engineered and built to reduce the total cost of quality roving production.

The Scotsman is new in appearance and in performance. It owes its basic design to those famous workhorses in hundreds of present-day card rooms, the Whitin Woonsocket line of roving frames. Its completely new look is a result of a skillful consolidation of

MYSTERY PHOTO—On the left is Harley Buma, March phota mystery. Recognize the individual on the right?

Alvin Goyette, Foreman of the Paint and Sanitation Department, was elected a director of the W.M.W. Credit Union at a recent meeting of the Board of Directors



New Whitin Scotsman fills a mill need for a simple, low-cost, large package roving frame. Operating the new Scotsman is Bert Bliss of Research

Award received for outstanding apprentice program. Pictured from the left are Martin F. Salmon, Apprenticeship Representative U.S. Department of Labor; Jerome Haggerty, Jr., State Supervisor; Nicholas DeHaas, Whitin Apprentice Director and David Longmuir, Director of Industrial Relations

PROMOTIONS—Albert O. Cummings has been appointed Foundry Metallurgist. William Schmidt succeeds Walter Saunders as Plant Metallurgist. John W. Kortecamp has been promoted to Foreman of the Steel Fabricating and Tin Cylinder Departments. Robert Bethel has been appointed Foreman of Department 452

time-tested, basic elements with the many new and interesting features that are exclusive with the Scotsman.

One of the outstanding features of the Scotsman is a unique electro-mechanical builder motion of entirely new design. This new builder, utilizing electric clutches, operates smoothly and quietly, completely eliminating the noise and chatter so long associated with conventional skip gears and contact shafts in regular builders.

The new frame operates at faster speeds than previous models. It produces the finest quality of roving, whether stock is cotton, synthetics or blends. The packages on the bobbins, size for size, equal or surpass the net weight of any now available. The bottom rolls are chrome plated, matte-finish which minimize rusting and diminish lint and fly accumulation. All electrical controls are centralized on an attractive control panel.

Mr. Bolton concluded his comments by saying, "The initial industry demand for the Scotsman has been gratifying and, based on our market forecast, the outlook for it is very encouraging. By gearing our product planning program closely to industry needs, as revealed by our market research studies, Whitin is moving ahead with confidence in meeting the growing needs of a fast changing industry."

## 10 EMPLOYEES RETIRE

Cecil Baker, 50 years
Herman J. Haringa, 44 years
George Dykstra, 43 years
Jacob W. Feddema, 36 years
Elmer B. Farley, 34 years
Harold L. McCullouch, 29 years
G. Etienne Brousseau, 28 years
Richard J. O'Rourke, Sr., 28 years
John F. Senkarik, 19 years
Kenneth F. Jones, 15 years

## Former Apprentice Promoted to Third Class Airman

William J. DeLang, son of John DeLang of the Foundry, has been promoted to the rank of airman third class at Keesler AFB, Miss.

He completed his basic training at Lackland AFB, Texas, last fall and was assigned to Keesler for training as a radio and radar maintenance specialist.

William DeLang promoted to Airmon third class

DeLang was graduated from Uxbridge High School in 1959. He attended Worcester Industrial Technical Institute and Worcester Junior College and was a Whitin apprentice before entering the service.

## Births

To Mr. and Mrs. Dwight Fields, a son Norman Edward, 7 lbs., 9 ozs., born February 4. Edward Bates, grandfather, is an assembler in Department 422.

## In Memoriam

Rosaireo Lariviere, 67, a U.S. Navy veteran of World War I, died on February 22 in the V.A. Hospital in Providence. He was a Whitin machinist before his retirement several years ago.

Mrs. Bertha Anderson, 51, of Douglas Street, Uxbridge, died on February 18. She was a Whitin employee for the past six years.

## Always open

At Whitin, the doors are always open for new ideas and to new people. The success of any organization is directly proportional to its willingness to base its growth on the thinking of dynamic, creative, forward-looking people — people with the special knowledge and abilities to translate new ideas into practical plans and programs. Whitin has welcomed many. Each has made significant contributions to the improvement of Whitin products and services.

From this "open door policy" Whitin expects to provide additional benefits for its customers — "extra" values to make their mill operations more profitable.

**Whitin**®

THE BEST WAY TO BETTER YARNS

WHITIN MACHINE WORKS: CHARLOTTE, N. C. • GREENSBORO, N. C. • ATLANTA, GA. • SPARTANBURG, S. C. • WHITINSVILLE, MASS.

# The WHITIN PROFILE

MAY 1964

The WHITIN
# PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

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## A GOOD INVESTMENT

"Our bank lends more money to the textile industry than to any other industry. We think it is the best investment we can make."

That opinion was expressed recently by the president of one of the largest banks in the Southeast. The bank operates in a state which has at least two other major industries and a host of smaller ones.

Why does the bank feel as it does about the textile industry?

Through the years, the textile industry has met every challenge.

It has worked long and hard to get equal ground rules applying to foreign manufacturers as well as American.

It spends more of its available money for modernization than any other industry.

It has the imagination to stay at least one step ahead of the consumers of textile products.

It is made up of reliable, industrious people who believe in the industry's progressive attitude.

In short, the bank feels as it does because the textile industry has made itself a good investment.

## WHITIN PERSONALITY

THOMAS POSTMA, Foreman of the Tool Department, has an excellent physical fitness program. He hikes eight or ten miles through the woods on week ends during fair weather.

Tom was born in Uxbridge but has lived in Whitinsville from the time he was four years old. After attending the local schools, he became a Whitin apprentice in July 1923 and after completing a three-year course graduated as a toolmaker.

He was appointed assistant foreman of the Tool Department on October 3, 1945 and was promoted to foreman on January 1, 1962. Among the 75 men working for him are some of the Shop's most highly skilled craftsmen: toolmakers, lathe hands, welders, planer hands, shaper hands, grinder hands, and other essential workers.

During his years at Whitin, Tom has completed an evening course in drafting and mathematics at Worcester Boys Trade High School as well as an extension course in mathematics and a two-year evening course in Industrial Relations at Holy Cross College.

Tom is married to the former Jennie Visbeek of Whitinsville. They have two sons, Thomas E., 29, who teaches electronics and engineering at Purdue University, and Donald J., 25, an automobile mechanic for a local automobile dealer. Both sons are U.S. Navy veterans. Donald is married and Thomas is engaged.

Gardening is a favorite pastime of Tom's. He raises both flowers and vegetables. He also enjoys sports as a spectator. He particularly likes football and watches it regularly on TV.

He is a member of the Christian Reformed Church, Pleasant Street, Whitinsville, a charter member of the Blood Donors Club (42 pints), and a director of the W.M.W. Credit Union where he serves on the Credit Committee.

FRONT COVER: Plaza San Martin in Lima, Peru. In Plaza center is the equestrian statue of General San Martin. Lima is the home of La Union Mills where Andy Scott recently installed Whitin Combers, Super-Lap machines and Drawing frames. An article about this interesting country starts on page 3.

# LIMA CITY OF THE INCA KINGS

The Poseo Colon is one of the many broad traffic arteries which bisect the city of Lima. Although it has practically no rainfall, Lima has mony beoutiful gardens and porks dependent upon irrigation from the streams originating in the snow-copped Andes

PERU, ancient land of the Inca, is a country most of us have seen only through the eyes of the *National Geographic* or travel folders, yet visiting such faraway places is commonplace for Whitin erectors who travel the world over installing Whitin textile machinery in mills.

Andrew Scott, with Whitin for 28 years, recently returned from Lima, Peru where he erected 14 combers, 32 heads of drawing and two Super Lap machines, in the LaUnion Mill.

This mill, owned by Duncan Fox, Inc., England, was completely equipped with British-made machinery until the recent installation of Whitin equipment.

LaUnion is a cotton mill and its products of sheeting, dresswear, shirts and other high quality items are in wide demand throughout Peru.

LaUnion is located in Lima, capital of Peru. Lima, pronounced LEEMAH, is known throughout the world because the familiar lima bean first grown there was named for the city. Lima is particularly known also for the manufacture of cotton and woolen textiles, sugar, and cocaine, and for its marble factories.

Lima has a population of 767,000 and is situated on the Pacific Ocean almost exactly at the halfway point on Peru's coastline. The region gets almost no rain but the air is moist with dew and with vapor from the sea.

The people of Lima build their houses of adobe, a clay brick. The walls are several feet thick to protect the houses against earthquakes, which are very common in the region. The houses are stuccoed with plaster, and usually follow the Spanish style of architecture, with central courtyards.

Among the numerous beautiful buildings in the city are the Cathedral, scores of churches, and the torre-tangle Palace, which are rich in costly decora-

Shopping area, Plaza San Martin, Lima, Peru

Statue of Simon Bolivar. Bolivar, a Venezuelan general, leading a force of Colombians and Venezuelans, completed the liberation of Peru

tions. The city has broad, handsome walks and public squares as well as a beautiful botanical garden. Lima is gradually becoming a modern city, with electric lights, a good sewage system, and an excellent water supply.

Peru is the third largest country in South America. It is almost twice the size of Texas. Its narrow 1400-mile coastal section is dotted with fine beaches and seaside resorts. High plateau and lofty Andes Mountains run the length of Peru's central section. The interior consists of tropical rain forests and jungles, largely unsettled.

Many years ago, Peru was the center of the great empire of Inca Indians. The Spanish invaders were eager for the silver and gold which lay in Peru's mountains. They destroyed the Inca civilization and made the Indians their serfs. This country then became the center of the vast Spanish empire in South America.

About half the people of Peru are Indians and the remainder, which are whites are mostly of Spanish decent. About four-fifths of the people make their living by farming. The leading farm products are cotton, sugar, wool, animal hides and skins, and coffee. Quinine, which comes from the cinchona plant, and is important in treating malaria, was discovered in Peru 300 years ago. The Andes region of Peru is the original home of the potato.

The Indians live in a world which is different in many ways from that of the whites. Most of them live in the highlands and the eastern border valleys. Some of the homes, in the mountains of Peru, are so far above sea level that they have the distinction of being the highest in the world. The Indians have kept the languages, styles of clothing, and customs of their ancestors, as well as their old ceremonies, music, dances and fiestas, or celebrations.

In the large towns and cities, the middle and upper classes live in much the way that people of the same type live in the United States. This is particularly true of Lima and its seaport, Callao, where nearly one-tenth of the people of the country live.

One of the most remarkable railroads in the world connects Callao and Lima with Oroya and Cerro de Pasco. It makes an average climb of 27 feet a minute up the Andes, and reaches a higher altitude than any other standard-gage railroad in the world. The highest point on the main line is 15,693 feet.

Lack of funds and serious transportation problems have long kept the government of Peru from pro-

LEFT: Andy Scott, Whitin erector; supervised the erecting of new combers, super lap machines and drawing at La Union Mill. Pictured with Andy is Sanchos, maintenance foreman and three others that assisted in erect-

viding schools for all the people. More than half the people of Peru have no school they can attend in the region where they live. About half the people cannot read or write and therefore cannot vote.

Peru is a republic and its president is elected by the people for a six-year term. The Congress of Peru consists of two Houses, the Senate and the Chamber of Deputies which is somewhat like our U.S. House of Representatives.

The late President Kennedy was revered by the people of Lima, Peru. The Kennedy Family built a hospital in Lima for crippled children and a school for retarded children. The children, who beg for a living in Lima, have erected as a memorial to President Kennedy, a large bronze bust in his image, mounted on huge columns of marble.

The liberation of Peru was begun in 1820 by a force made up of Argentines and Chileans and led by Argentine General, Jose de San Martin. Simon Bolivar, a Venezuelan General who led a force of Colombians and Venezuelans, completed the liberation of Peru in 1827.

Around this same period, the Whitin Machine Works was being founded and ultimately grew to become an important factor in the textile industry which has played such an important role in the economy of the United States. Just as Whitin made its contribution to the growth of an infant industry, so too will its precision-built and high efficiency machinery contribute to the economic welfare of Peru—the ancient land of the Inca—as it too reaches toward the goal of a better life for its people.

Inca fomily of the highlonds of Peru. The Inco wos predominont in South America at the odvent of the Sponiords

Chipibos Indion women of the Ucoyali River

The Urubamba River in the highlonds of Peru. In this area is the dozzling city of Mochu Picchu, incredible citodel of the dead, which loy hidden omong the towering peoks of the Andes for hundreds of yeors until rediscovered by o North Americon explorer, Hirom Binghom in 1911

ing the new machinery. MIDDLE: A section of the preparation room where the combing, carding and drawing are located. RIGHT: In a new section of La Union Mill, combers were erected on cement before wood floors were laid. One comber has a plastic cover to protect it from dust etc. while new section of mill is being constructed. This mill was equipped with British-made machinery prior to the Whitin installation

# ATTEND THE FAIR AND SEE THE WORLD

## APRIL 22 - OCTOBER 18, 1964

Vatican Pavilion

Pratestant Center

Schaefer Center

At the World's Fair, under the symbol of the Unisphere, exhibits from all parts of the world will be gathered for your delight! □ You'll visit gleaming pavilions . . . wander through exotic temples and serene gardens . . . tour towering fantasies of glass and steel. □ You'll stroll picturesque promenades . . . view colorful fountains . . . sample foods from every corner of the globe. □ You'll wonder at predictions of things to come . . . gaze at re-creations of things past. □ You'll see water shows . . . theater productions . . . circuses . . . sports events . . . fireworks . . . symphonies and brass bands. □ In this Olympics of Progress you will truly see the best from all the world.

FUN—Walk on the landscape of the moon, laugh at circus clowns . . . see the Olympic trials . . . watch stage extravaganzas, movies, shows and exhibitions.

DISCOVER—Explore the new worlds of science . . . the cultures of distant lands . . . man's greatest accomplishments of today and dreams of tomorrow.

FOOD—Dine like an Arabian potentate or Hawaiian native . . . feast on French delicacies or good American hot dogs . . . fine food for any budget

RELAX—Pause in the sparkle of spectacular fountains . . . visit restful theatres, lounges, galleries, stadiums, parks, playgrounds, pools and gardens.

RIDE—Buses . . . motor trains or chair cars take you around the Fair . . . view the Fair from a helicopter . . . circle over a replica of New York City.

ART—Stand before Michelangelo's masterpiece, "La Pieta" . . . view the great architecture of the world . . . see marvels of great sculpture and painting.

The Fair is a family affair! No World Exposition ever had so much to offer each member of the family . . . from children's shows to fashion shows . . . from automobile racing to moonlight dancing! Your visit will be a vacation, an education, an inspiration!

LEFT: Behind the ten-story tailfin is General Motors Futurama. At the Fair there are more than 300 industrial exhibits, 40 foreign nations and 45 of our own states. Adult tickets are $2.00—Children $1.00. RIGHT: For a ride into the future try the Ford Pavilion. There are 8 miles of roads for buses inside the Fair grounds and, of course, many paths for pedestrians. There are parking facilities for 25,000 cars daily. It would take 96 hours to view the Fair

LEFT: Gleaming golden disk of Johnson's Wax Pavilion houses huge theatre. Most of the attractions are free but rides and some shows will charge. Fair authorities estimate the average adult will spend $7.20 per day on himself and $5.45 for each child. RIGHT: A chance for lunar photos at the Eastman Kodak exhibit. At the Fair, at Flushing Meadows, Queens, there will be unlimited opportunities for taking pictures

LEFT: Electric Light & Power Pavilion will turn on its 12 billion candle power beam which can be seen for over 300 miles. RIGHT: For a truly breath-taking end to your day at the Fair, take a ride on the Swiss Cable Car 112 feet above the ground. You will have a spectacular view of all the pavilions

# *Engineers Entertain Firemen*

FIREMEN, of the Whitinsville Fire Department, were guests of their Board of Engineers at an annual banquet in the Northbridge High School Cafeteria on April 9.

At the conclusion of a delicious roast beef dinner, Leonard Brock, Chief of the Fire Department, conducted a short business meeting.

Mr. Garrett, President of the Whitin Machine Works, and a member of the Board of Engineers, in his remarks to the men of the fire companies, thanked them for their cooperation and valuable service to the company and the community.

Before the entertainment a vote of thanks was extended to the Board of Engineers by the firemen.

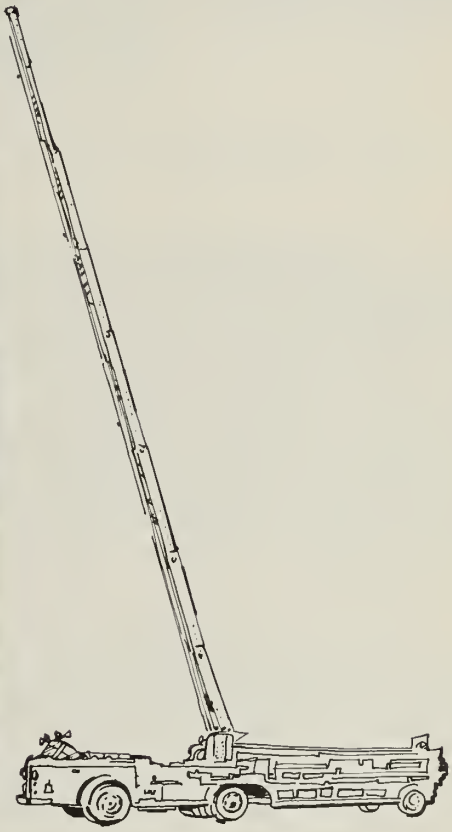
Head table, from the left: Arthur Broadhurst, Everett Johnston, John H. Cunningham, John H. Bolton, Jr., Norman F. Garrett, Chief Leonard Brock, Clayton W. Adams, Philip B. Walker, Laurance Fuller, Norman Stanley and Philip Skillen

Cal Claude in an act of "Perfect Balance"

LADDER COMPANY—from the left: Gordon Milkman, Walter Doble, Rene Lafleche, Albert Destrempes, Llewellyn Lyman, Lt. Ernest Tremblay, Capt. Peter Frieswyk, Armand Houle, Arthur Jones, Theodore Bisson, Danald Simmons and Lawrence Ball

COMPANY NO. 1—from the left: Wallace Gaddas, Donald White, Albert Hoekstra, Russell Bailey, Thomas Frieswyk, Capt. George Jones, Warner Clarke, Herman Woeller, Alan Blizard, Irving Lorsen, Alfred Gould

COMPANY NO. 2—from the left: Raymond Malley, Maurice Morin, Robert Steele, David Richardson, Ralph True, Capt. John Larsen, Lt. Bernard Shaw, Donald Frieswyk, James Forsythe, Donald McKenzie, and Laforest Lunt



The Copinos, o skating act, took fireman Donald Simmons for o ride

Ren Yeo, Captoin of the Listers, league winners, was presented chompionship team trophy by Normon F. Gorrett

# LISTERS-BOWLING CHAMPS AGAIN!!

THE ANNUAL BANQUET of the Shop Bowling League was held at the N. V. Cafe, North Uxbridge, Wednesday evening, April 8 and all present enjoyed delicious steak or chicken dinners.

The Listers won the championship of the regular league schedule for the second consecutive year. Transportation was the runner-up with Printers third and the Office in fourth place. The champion Listers were only able to collect fourth prize money in the roll-offs. The third place Printers won first prize money with most of the credit going to anchor man Chet Flinton who bowled five consecutive spares in the final string. The second prize money went to the Office and the third to Transportation.

Al Destrempes, of the Listers, had the high individual average and was followed by Laurent Sampson and Lennie Skerry. The high three string total was won by the Timers with 1643 and the Travelers had 1607 for second high triple. The Cutters hit the high team string of 571 with the Arcade team second with 545.

Bill Jacobs, of the Printers, had a fine 396 for the high individual three-string total and Don Frieswyck and Ronnie Morin tied for second with 374. Gus Forcier had high single string of 156. Rab Bisson was second with 145 and Richie Piper, Fran Magowan and Mike Ezzo tied for third with 144.

*by Henry S. Crawford*

Invited guests present were Norman F. Garrett, Company President; John H. Cunningham, General Superintendent and Lawrence M. Keeler. Mr. Garrett extended greetings to the group and thanked them for inviting him to be a guest of the league. He presented the championship team trophy to Ren Yeo, Captain of the Listers, and also presented trophies to the members of the Lister and Transportation teams. Henry Crawford presented trophies to the Printers who finished in third place and to the Office for fourth place.

Jack Cunningham then took over and in his own inimitable style presented the cash prizes and the William Skillen Memorial Trophy which went to Robert Steele. Al Matee was presented the trophy for sportsmanship.

A surprise presentation, in the form of a plaque, was made to Jack Cunningham, on behalf of the league, by President Clarence Bisson. This was given to Jack in appreciation for the many years he has presented the various awards and for his generous contributions toward the purchase of trophies. He thanked the members for their thoughtfulness and stated that the plaque would be placed on the wall of his office. This brought a most enjoyable evening to a fitting conclusion.

Norman F. Garrett, President, presents traphies to the Listers, champs for the second consecutive year. Pictured from the right are Ren Yeo, Captain; James Davidson, Richard Piper, Froncis Magowan, Albert Destrempes, and Joseph Roche

Second place winner—Tronsportation—On the right, John Cunningham presents trophies to Clarence Bisson, Captain; Robert English, Paul Mathieu, Richard Rykosky, Maurice Murray

Third place winner—Printers—On the left, Henry Crowford congratulates Jahn Onanian, Captain; Robert Steele, Rabert Bethel, Mike Ezzo, Chester Flinton, and William Jocobs

Clarence Bisson, League President, presents trophies to Varky Asadoorian, Captain; James Colthart, John Skinner, Harry Bedigian, and Leonard Skerry

BELOW: Albert Matte, Captain of the Cutters, received the Good Sportsmonship Aword. Presentotion was made by John H. Cunningham

Clarence Bisson presents trophies to individual high average winners Albert Destrempes, 1st place; Leonard Skerry, 3rd place. Laurent Sampsan, of the night shift, wos second place winner

Joseph J. Vilis

Robert E. Maynard

# ORGANIZATION

### J. J. Vilis Promoted to New Post at J. D. Ferry Division

Joseph J. Vilis, Director of Purchases and Transportation, has been promoted to Vice President, Operations, at Whitin's J. D. Ferry Division in Harrisburg, Pennsylvania. Mr. Vilis will assume his new duties in Harrisburg on May 1, 1964 according to an announcement by Norman F. Garrett, President.

Mr. Vilis, a native of Chicago, joined the Whitin organization in March, 1960 as Director of Purchases. Following his schooling at Northwestern University and at the Illinois Institute of Technology, he acquired a wide background of business and commercial experience being affiliated in executive capacities for twenty years with Montgomery Ward & Company, the Hotpoint Division of General Electric, and Crane Company.

During World War II, he saw more than three years of European service with the U.S. Army as Staff Sergeant in the Finance Department, Commercial Accounts.

He is a Director of Seaboard Foundry Company, Inc., in Johnston, Rhode Island, an incorporator of the Whitinsville Savings Bank, Chairman of the Finance Committee, Town of Northbridge, and a member of several purchasing associations.

Mr. Vilis' broad experience, sound business judgment and his wide range of activities in promoting the company's interests have been of great service to the Whitin Machine Works. As Director of Purchases for the company, he instituted a program of Value Analysis which resulted in substantial savings for the company.

As Chairman of the Northbridge Finance Committee, his wise counsel and his thorough understanding of local problems proved invaluable to the town. His efforts in promoting citizens' interest in town meetings earned him the title of "Mr. Town Meeting." The people of Northbridge appreciate his untiring efforts and his sincere interest in the affairs of the town.

He makes his home at 13 Chestnut Street, Whitinsville, with his wife and two sons but plans to move to Pennsylvania in June.

He has our sincere wishes for continued successful achievement at the J. D. Ferry Company.

### Robert E. Maynard Promoted to Purchasing Position

Robert E. Maynard has been promoted to the position of Director of Purchases and Transportation Services at Whitin, succeeding Joseph J. Vilis, who has been named to a newly created position as Vice President of Operations at the J. D. Ferry Company, Inc., Harrisburg, Pennsylvania, a subsidiary of the Whitin Machine Works.

Mr. Maynard, a native of Shrewsbury, Mass., attended Worcester Polytechnic Institute and was graduated with that school's first class in the School of Industrial Management. He also has taken supplementary courses in purchasing techniques at Clark University, Harvard Business School, and the Industrial Educational Institute.

After college, he was affiliated with a number of various industrial firms in and around Worcester

until entering the Purchasing Department at Whitin in 1942. He has discharged a variety of responsibilities in that department and has been Senior Buyer since 1960.

Mr. Maynard is a Director of the Worcester County Purchasing Agents' Association and has been very active in civic affairs in Upton. He currently is a member of the Finance Board and has been Chairman of the School Committee, a member of the Planning Board, on the Boy Scout Executive Committee, and also Chairman of the American Red Cross Drive.

With his wife and three sons, Mr. Maynard makes his home on Warren Street in Upton.

# HANGES

Mr. John S. Golder, Manager, Repair Parts Sales since February, 1963 has been appointed Production Manager reporting directly to Mr. Grieb and succeeding Mr. Robert W. Taylor, resigned.

Mr. Golder, who was born in Washington, D.C., is a 1949 graduate of Georgia Institute of Technology, School of Textiles, and joined the Whitin organization in 1957. He served as Assistant to the Vice President of Sales and later became Manager, Order Administration Department before being transferred to Charlotte, N.C. in February, 1963. With his wife and son, Mr. Golder now makes his home in Matthews, N.C.

Mr. Claude M. Banks, Changeover Specialist has been named to fill Mr. Golder's post as Manager, Repair Parts Sales, reporting directly to Mr. R. I. Dalton, Jr., Vice President, Domestic Sales.

Mr. Banks is a native of Greenville, S.C. Following his graduation he was employed for a number of years at Mills Mills Manufacturing Co. In 1947, shortly after completing three years of service in the U.S. Armed Forces, he became associated with the Whitin Charlotte Division and has handled a variety of supervisory assignments in the Repair Parts and Changeover Sections. With his wife and two children Mr. Banks makes his home in Charlotte, N.C.

Mr. John Maull has been appointed Manager of Engineering for the Synthetic Filament Machinery Department. Mr. Maull earned his degree in Mechanical Engineering at the University of Delaware, and comes to Whitin from Hercules Powder Company. Prior to this he worked for the DuPont Company for many years.

His experience in research and mechanical development in both companies has been in the field of continuous spinning, draw winding and twisting machinery for nylon and polypropylene. With his wife and three children, Mr. Maull now resides in Uxbridge.

John S. Golder has been appointed Production Manager at the Charlotte Division

Claude M. Banks has been named Manager of Repair Parts Sales at the Charlotte Division

John Maull has been appointed Manager of Engineering for the Synthetic Filament Machinery Department

# FOUR NEW DIRECTORS ELECTED

## at Whitin Annual Meeting

Dr. Edward Lindley Bowles

Richard A. Coleman

Curtis M. Hutchins

Buck Mickel

**Dr. Edward Lindley Bowles,** Consulting Engineer and Educator, was born in Westphalia, Missouri. He earned his B.S. Degree at Washington University, an M.S. at M.I.T., and Doctor of Science (Honorary) at Norwich University. Following a long and eminent career in teaching at M.I.T. as Professor of Electrical Communications and Consulting Professor at the Sloan School of Industrial Management, Dr. Bowles served with distinction as a consultant to Defense Secretaries Stimson and Marshall, to numerous government agencies, and on many scientific boards and commissions in the field of electronics and communication systems. He is a member of many technical and scientific societies, and has been decorated by both the American and British governments for his outstanding scientific contributions. For many years, he has been General Consultant to the President of Raytheon Co., Lexington, Massachusetts.

**Mr. Richard A. Coleman,** President of J. D. Ferry Co., Harrisburg, Pennsylvania, is a native of Catasauqua, Pennsylvania, and graduated in 1924 from the Wharton School, University of Pennsylvania. He became a Certified Public Accountant in Pennsylvania in 1928, and was engaged in accounting work until 1931. From 1931 to 1945, he served as President and Secretary-Treasurer of Blough Mfg. Co., a leading manufacturer of children's wear in Harrisburg, Pennsylvania. He retired in 1945, but returned to active business in 1949, becoming Executive Vice President of the J. D. Ferry Co., manufacturers of food processing equipment, and has been associated with that organization since.

**Mr. Curtis M. Hutchins,** a leading New England Industrialist, graduated with an A.B. Degree from Williams College. Upon graduation, he joined the Dead River Co., Bangor, Maine, a company noted for its petroleum products, pulp wood and timber. He was elected President of the company in 1935, and still serves as Chairman. He later became affiliated with the Bangor & Aroostook Railroad Company, serving as President from 1948 to 1957, and as Chairman and Director from 1952 to 1958. He was President and a Director of the St. Croix Paper Co. from 1959 to 1961, relinquishing those posts when that company was acquired by the Georgia-Pacific Corp. He is a past President of the New England Council and former member of the Maine House of Representatives, and holds Directorships in a number of prominent New England industrial companies and financial institutions. He is currently a candidate for election as a Director of the U.S. Chamber of Commerce, District One.

**Mr. Buck Mickel,** Builder and Industrialist, is Executive Vice President and General Manager of Daniel Construction Co. of Greenville, South Carolina, and Treasurer of Daniel Construction Company, International, of Brussels, Belgium, a company whose international reputation as a builder of industrial buildings and plants is predicated on the construction of the many ultra-modern mills for the textile industry which dot our Southern landscape.

Mr. Mickel is a graduate of the Georgia Institute of Technology with a B.S. in Civil Engineering. He saw extensive duty in the U.S. Maritime Service during World War II, and as 1st Lieut. with the U.S. Army Corps of Engineers during the Korean conflict.

Mr. Mickel is well known in industrial circles throughout the South, where apart from his activities in the construction field, he also holds Directorships in companies in such diverse fields as textiles, rubber, real estate and banking.

# News Roundup

## N. F. Garrett Re-elected President

Mr. Norman F. Garrett was re-elected President of the Whitin Machine Works by the Board of Directors at the organizational meeting of the Board following the 94th Annual Meeting of the stockholders held at the Company's offices March 27, 1964.

In addition to the four new directors mentioned on the previous page, the stockholders re-elected the following directors: John H. Bolton, Jr., George D. Everett, Norman F. Garrett, James M. Wells, Vaughn E. West, and Alfred S. Woodworth.

Mr. Vaughn E. West was re-elected treasurer, and Mr. Ward Smith was re-elected clerk of the corporation. All other officers were re-elected or re-appointed by the Directors.

## PEOPLE CONTROL QUALITY

Advances to be made in quality control basically reside in the character of the personnel assigned to production. The product will be just as good as the people who make it. While it is true that one may point to a high precision automatic machine and say, "That's what builds the quality in the product," nevertheless, some human being had to design the machine and another had to make it. Another had to plan for its use and purchase, and most important, somebody has to watch over its operation. Others may say that the great array of testing and inspection equipment which most companies maintain is responsible for quality. Again, we must say, yes, they are responsible for safeguarding it, but not for creating it. We are thus led to the conclusion, that quality is people. It is a partnership team of researchers, designers, production workers, office workers, salesmen, inspectors and shippers, who are determined to help each other put out the best goods and services in the field.

How many recognize this animal? He is seldom seen this far north but Salty Shaw found this opossum under his porch at his home in Northbridge Center

## DOES MONEY MAKE THE MARE GO?

In a Technical Museum in Vienna rest Austria's first automobile, early typewriters, sewing machines and aircraft. Mechanically, their theory was sound. They could have been Austria's Ford, or Royal, or Singer. Why was their first, and last, resting place a Museum?

Risking money in something new and untried not only takes courage but requires at least a reasonable hope for some profit for the investor. That is why this kind of investment money is called "risk capital." In Austria, at that time, there was more interest in solid, secure investments with little risk involved. Consequently, no money was available to finance the development of these inventions.

They created no jobs except for the museum caretaker, they produced no profits, not even for the inventor, they contributed nothing to pleasure, comfort or progress.

And some unknown men sadly tore up their designs because there was no free enterprise to invite the investment of capital they needed so badly.

MYSTERY PHOTO—In the April PROFILE, it was Mike Rutana, on the left. If you don't recognize the young man on the right, it might help you to know that today he is a foreman

## 7 EMPLOYEES RETIRE

Albert J. Charbonneau, 49 years

Hoogas Hoogoian, 48 years

Welcome C. Marshall, 44 years

Alfred J. Nolet, 38 years

Henry J. Pontbriant, 37 years

James W. Darling, 17 years

William N. Tyler, 17 years

## Births

To Mr. and Mrs. James E. Lewis, a daughter Cathy Lynn, 8 lbs., at Framingham Union Hospital, March 16. The maternal grandparents are Mr. and Mrs. David Longmuir.

## In Memoriam

James L. Dorsey, 64, died at his home on Main Street, Whitinsville on March 9. He was a Whitin employee for 38 years before his retirement four years ago. He was a box maker and lived in Whitinsville for 42 years.

## The whole is the sum of all its parts

Not all values are apparent in the purchase of textile equipment. In totaling the benefits Whitin offers your company, consideration should be given to the "hidden values" present in every product.

These values may take many forms. Planning for the future needs of the industry involves new ideas from people who draw on the vast knowledge acquired only by a manufacturer of a complete line of related machinery. Our research team uncovers new concepts and new techniques; expert engineering transforms these discoveries into specific products, while experienced workmanship builds in unsurpassed quality. This equipment is then sold and serviced by experienced personnel thoroughly familiar with mill operations. Each item is backed by a strong organization, built on integrity, which will continue to serve you in the years to come.

These "extra" values are added to the advanced design and performance of Whitin's products. It all adds up to **complete service** — yours every time you purchase Whitin textile equipment.

**Whitin**

THE BEST WAY TO BETTER YARNS

WHITIN MACHINE WORKS: CHARLOTTE, N. C. • GREENSBORO, N. C. • ATLANTA, GA. • SPARTANBURG, S. C. • WHITINSVILLE, MASS.

# The WHITIN PROFILE

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JUNE 1964

The WHITIN
# PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

JUNE, 1964
Vol. XVII, No. 6

NORMAN A. WRIGHT . . . . . *Editor*
LAWRENCE M. KEELER . . . *Associate Editor*
G. F. MCROBERTS . . . . *Contributing Editor*
MALCOLM PEARSON . . . *Plant Photographer*

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## THE MISSING PERSON

"I'll be with you in spirit though not in the flesh," said the missing employee explaining that he couldn't make it to work.

This is fine as sentiment, but not of much help in the operation of a business.

Every employee's job here is important. If it weren't, it would not have been created in the first place. In fact there are no unimportant jobs or people in our organization.

Since some of us don't give much thought to the effect of absenteeism on our fellow-workers and the company, someone else has to do the work, which in turn means an extra burden, time out from his own job, or the work doesn't get done.

Of course there are times when illness or emergency makes it impossible to avoid absence from one's job. Yet without good reason, it is unfair to your associates (and yourself) to be a "missing person."

## WHITIN PERSONALITY

RUSSELL J. MURRAY, Foreman of Spinning and Twister Erecting, was a member of a noted Air Force orchestra as well as a chief radio operator while serving in the U. S. Armed Forces in Germany for 18 months. The orchestra entertained military personnel at bases in Europe, played on radio programs and even was recorded.

Russ was born in Whitinsville on January 29, 1932 and has lived here since that time. He attended local schools and started his employment at Whitin on February 2, 1948.

After working as a drill hand on the Chuck Job for six months, he became an apprentice and later graduated as a Millwright Erector. While serving his apprenticeship, he assisted in erecting some of the textile machinery in the product display area of the Research and Development Division the year it opened in 1951.

Upon completing his apprenticeship, he erected roving frames in mills for a short period of time. In August 1952 he went into the Air Force and served from August 1952 to August 1956. After being discharged, he returned to Whitin and worked on the Roving floor as a first class fitter. For two years, he was employed in the Research Division demonstrating machines, running tests and making samples. Russ was one of the millwrights that erected the first Model P Roving Frame. On February 29, 1960 he was appointed assistant foreman of Spinning and Twister Erecting and on April 16, 1962 was promoted to foreman.

From 1956 to 1960, Russ attended evening sessions at Worcester Junior College and graduated with honors in Business Administration.

He married the former Claire A. Vincent, of Woonsocket, while he was stationed at Keesler Air Force Base in Biloxi, Mississippi in 1953. They have two sons, Vincent, 10, in the fourth grade and Russell, Jr., 7, in the first grade and Mary Ellen, 2½ years old.

In his spare time Russ is Cub Master of Local Pack 150 and also a manager in the farm system of the Northbridge Little League. He particularly enjoys music of all kinds and plays a wide variety of musical instruments. He hopes, before too long, to devote more time to his favorite hobbies, photography and radio.

FRONT COVER: A water sport that is fast gaining in popularity is scuba diving. Nick Guido is shown teaching the principles of scuba diving to a group in the Whitin pool. Harold Case, Director of the Gymnasium, has more to say about this interesting sport on page 11.

would rarely, if ever, be found in a Lancashire mill. Spinning, weaving, dyeing, finishing—and even apparel manufacture—are all done at one location. In addition to the multiple activities in the Argentine, Alpargatas has large operations in Brazil and Uruguay.

One of the most striking aspects of Alpargatas is the quality of its management. Robert M. Fraser, the third-generation Managing Director of all Alpargatas activities has welded together an exceptional executive team. Through his dynamic leadership and his keen interest in human relations, he inspires those around him to excel. Superior management ability is one of the key factors contributing to the rapid growth of Alpargatas.

When Juan Etchegaray, a producer of hand-made "alpargatas," visited Arbroath, Scotland in the 1870's, he is reported to have told the Frasers,

# ALPARGATAS

Just over 80 years ago, Robert Fraser—first of the Alpargatas Frasers—landed in Buenos Aires, Argentina. He brought with him sone ingenious machinery invented by his brother Norman in their flax spinning and sailcloth manufacturing plant at Arbroath, Scotland. The machines were to sew cloth uppers onto the jute soles of the "alpargata"—a rope-soled canvas slipper—which was in great demand among the immigrants who were arriving in Argentina by the thousands in those days. Up until that time, the stitching process had been a difficult manual operation.

The first small factory where those machines were installed is a startling contrast to the great complex of buildings known today as *Fábrica Argentina de Alpargatas.* However, links with the past are not lacking. The design of those first machines was so fundamentally sound that, over eight decades, it has been found difficult to improve on it substantially.

"From clogs to clogs in three generations" used to be a saying in Lancashire, but this can hardly be the case today. Alpargatas now manufactures shoes of leather, plastic, and rubber; but none of them will ever replace the humble "alpargata," of which 30 million pairs are made each year.

A degree of vertical integration in the manufacture of cotton textiles has been attained such as

"The man who invents steam-powered machinery to make the 'alpargata,' has a fortune waiting for him."

Little did Juan Etchegaray imagine what an expansive oak was to grow from that particular acorn. Alpargatas is now one of the largest private enterprises in South America, having a payroll of over 10,000 of which, incidentally, no less than half are women.

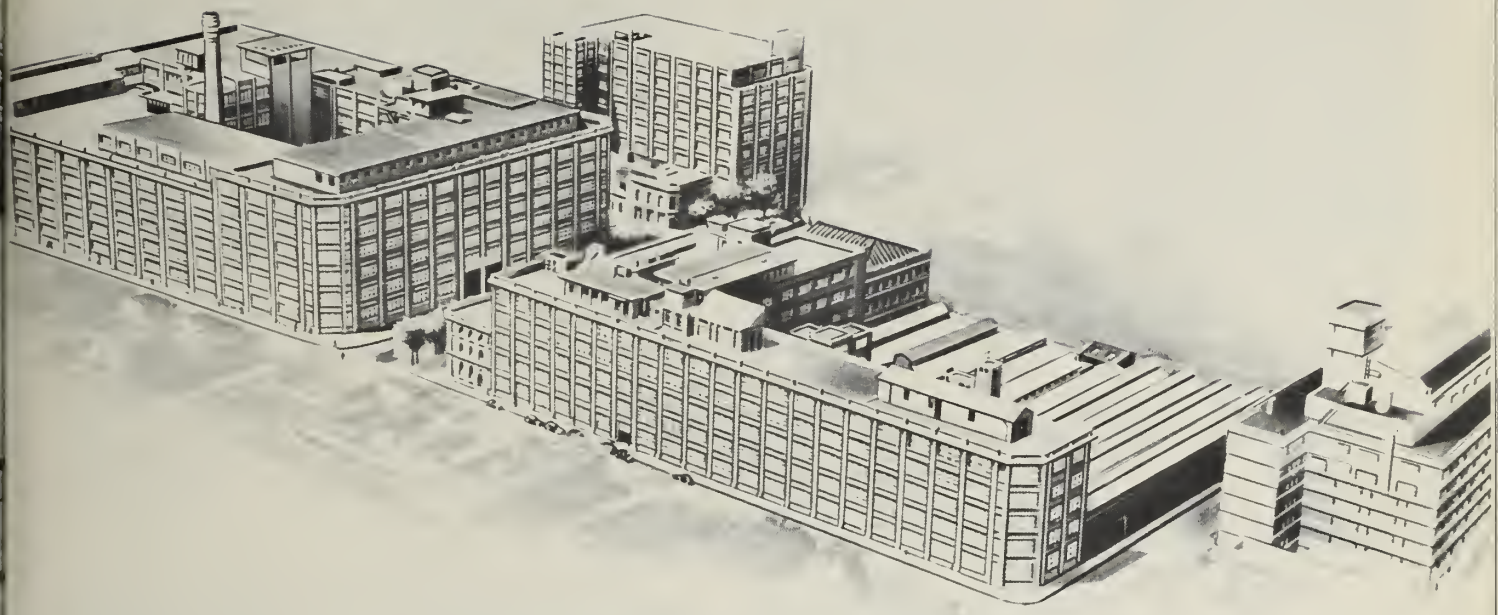
Mr. Robert M. Fraser, Chairman and General Manager of Fábrica Argentina de Alpargatas S.A.I.C., Buenos Aires, Argentina

Ninety-six deliveries of Whitin M7 drawing are installed at Alpargatas. They process stock from the cards at a speed of 800 feet per minute. Not only have these machines streamlined the drawing operation but have benefited the roving process by delivering large, economical 18″ x 42″ cans

Combing is an important operation at Alpargatas and to obtain the best results, the mill selected Whitin Super J Combers. The Whitin Super Lap Preparation Method, utilizing the Super Lap machine and the M7 Drawing frame, supplies optimum laps to the combers

An Alpargata machine for sewing the uppers to the soles. There are 93 of these machines, some of which are over 80 years old, having originally been designed by Mr. Norman Fraser

# ALPARGATAS



Alpargatas Textile Plant and Shoe Factories located in the City of Buenos Aires

An entire 6-story building of the Alpargatas complex in Buenos Aires is devoted to the manufacture of cotton products. Throughout the mill, new equipment is being installed—increasing capacity, improving quality and widening the range of goods which can be made. Right now, women are being trained in a new department, where jeans, trousers, shirts and other garments will be made up. In the specialized area of tire cord weaving, Alpargatas has acquired a very favorable reputation and has built up an important business.

On the ground floor of the building which houses the spinning mill, 250 bales of cotton are opened every day. A conveyor carries finished picker laps to the sixth floor where 418 cards are installed. The card sliver is delivered, in 20″ x 42″ cans, to 96 deliveries of Whitin M7 Drawing located on the fifth floor.

From the drawing operation, the sliver is processed through 34 roving frames and is subsequently spun into yarn on the 53,000 spindles installed in this mill. If one day's spinning production was tied end-to-end, the strand would reach to the moon and back to Earth again.

While the bulk of the mill's goods is produced from carded sliver, a large quantity of combed stock is processed too. Alpargatas believes the Whitin Super Lap method to be best for comber lap preparation and, consequently, has installed a Super Lap machine to supply their eight Whitin Super J Combers.

Whitin Super J Combers were selected for their ability to produce quality combed stock, for their high performance characteristics, and for their simplicity of design, making operation easy and keeping maintenance costs low.

On the second and third floors of the building are located 815 looms, turning out over 2½ million yards of cloth a month.

As in any textile mill, the optimum degree of humidity is important for each operation. To this end, a 720 HP air conditioning plant has been installed to provide the requisite humidity for all parts of the huge mill building.

For a number of years it was impossible to replace obsolete machinery because of Argentine import restrictions. Over the last two years, however, great strides have been made in acquiring the very latest and most efficient machinery not only to lower costs and increase productivity, but to allow a wider range of higher quality goods to be manufactured. This modernization program at Alpargatas is continuing as conditions allow and Whitin is proud to be a major contributor to it.

# LOREN DYER.
## A GROWING INDUSTRIAL DISTRIBUTOR

Exterior view of the Loren Dyer Co., Inc., Portland, Maine. This industrial distributor is a subsidiary of the Fayscott Landis Machine Corp., Dexter, Maine

An important cog in the Whitin organization and one whose contributions have not been duly publicized, is the Loren Dyer Company, Inc., of Portland, Maine. This company, a subsidiary of the Fayscott Landis Machine Corporation, Dexter, Maine, is an industrial distributor of famous brand name tools, machinery, equipment and supplies for machinery manufacturers, metal fabricators, paper, textile and shoe manufacturers in its large trading area. In addition, Loren Dyer supplies our Whitinsville Division with a majority of its small tools.

Some of the noted manufacturers for whom Loren Dyer is a distributor are:

**Brown & Sharpe Manufacturing Company**—Machinists' precision tools, machine shop accessories, precision ground tool steel, gauging and inspection equipment.

**The Carborundum Company**—Bonded and coated abrasives: Grinding wheels, belts, discs, rolls, diamond wheels, tumbling pellets, loose abrasives.

**Millers Falls Company**—Hand tools, power tools, precision tools, band, hack and hole saws.

**Page Belting Company**—Leather belting and leather specialty items.

**Union Twist Drill Company**—Carbide tools, milling cutters, solid and inserted blade cutters, gear cutters and hobs. counterbores, twist drills and reamers.

**Permacel Tape Corporation**—Adhesives: cloth, metal, paper and plastic tapes.

**Fiske Brothers Refining Company**—Industrial oils: cutting, hydraulic lubricating and solubles.

**Bausch and Lomb**—Readers and Magnifiers.

In 1961, the Loren Dyer Company won the Carborundum Company's Major Abrasive Marketing Award as its Winning Distributor. The company was honored for its outstanding achievements in the Abrasive Marketing Program.

Loren Dyer was organized in 1943. It began by representing and selling the products of eight manufacturers and for 17 years enjoyed a well-earned and steady growth. They were acquired in 1960 by Fayscott Landis Machine Corporation as a wholly-owned subsidiary and at the time were representing a growing list of 25 leading manufacturers.

After acquisition by Fayscott Landis, and thereby becoming a member of the Whitin family, Loren Dyer moved into new and larger quarters (pictured on this page) with a total floor area of 10,000 square feet. Today, Loren Dyer represents 80 manufacturers and has exclusive Maine distributorship with most of these. Its influence, while mostly in Maine, also spreads over into New Hampshire and sections of Massachusetts. The company is gaining in customer acceptance each succeeding month and it is believed it is still in its infancy of growth potential.

Management members of the firm include Norman F. Garrett, Chairman of the Board; George D. Everett, President; Henry S. Larsen, Executive Vice President; Harold Chaplin, Vice President and Assistant Treasurer; Frederick H. Bassett, Jr., Treasurer and Clarence H. Crosby, Secretary.

Active in civic and business improvement endeavors, the Loren Dyer Company maintains memberships in the New England Council, Associated Industries of Maine, Maine Chamber of Commerce and Maine Purchasing Agents Association.

We extend to this young and healthy member of the Whitin Corporate Family, our best wishes for continued growth and prosperity.

Shown in the office, from the left, are Ralph Patterson, Accountant; Ethel Pope, Bookkeeper; and Warren Ewing, Salesman

John H. Boltan, Jr.,
Vice President, Marketing,
Whitin Machine Works

Dr. Edward L. Bowles,
General Consultant to the President
of Raytheon Ca., Lexington, Mass.

Richard A. Caleman,
President, J. D. Ferry Co.,
Harrisburg, Pa.

George D. Everett,
Chairman af the Board,
Merrill Trust Co., Bangor, Maine

# NEWLY ELECTED BOARD OF DIRECTORS

## WHITIN MACHINE WORKS

Norman F. Garrett,
President,
Whitin Machine Works

Curtis M. Hutchins,
Consultant and Directar,
Scott Paper Ca., New Yark City

Murray W. Keeler,
Regional Sales Manager,
Whitin Machine Warks

Buck Mickel,
Executive Vice President,
Daniel Construction Ca.,
Greenville, S.C.

James M. Wells,
Assistant to President,
Steel Service Center Institute,
Cleveland, Ohio

Vaughn E. West,
Treasurer,
Whitin Machine Works

Alfred S. Woadwarth,
First Vice President and Directar
of the State Street Bank and Trust Ca.,
Boston, Mass.

·2·

# College daze

Pictured on these pages are some of the W employees or members of their families who app in the recent successful musical production "Co Daze." This was the sixth annual musical prese by Mumford Council No. 365 K. of C., Friday

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turday, April 24 and 25, 1964 in the Northbridge gh School Gymnasium. The musical, which cen- ed around college life, was directed by Thomas allace and the Co-chairmen were James Rice d Arthur Malo, all of the Traffic Department.

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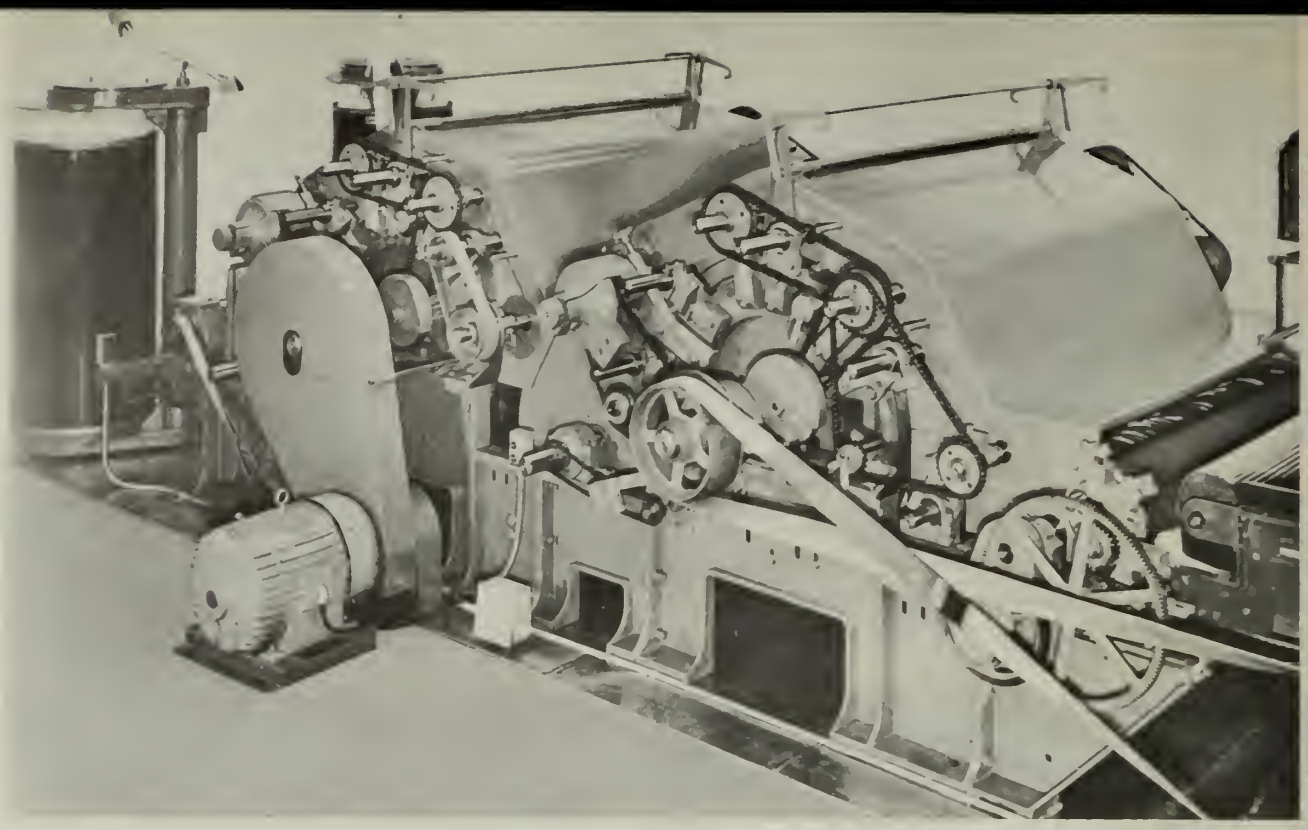
·11·

·12·

**1.** The opening chorus of the first half of "College Daze," the 6th Annual K. of C. Musical. **2.** Tad Wallace, of the Traffic Department, was the director of the Musicol for the second year. Tad, for many years, was a prominent member of the Whitin Male Glee Club and presently is a member of the noted Peloquin Chorale of Providence. **3.** Terry Morin (left) of Whitinsville, and Connie Cawley, of Marketing Services, in their own gay interpretation of "Buttons and Bows." **4.** Jack Young (an the right) of the Planer Deportment and James Buckley, husband of Helen Buckley of the Receiving Office, giving their impression of a ballet. Jack and Buck have been a camedy team in the annual musical for several years. **5.** June Ann Kane, daughter of Ed Kane of the Tool Department, doing her dance routine. June Ann has oppeared regularly with the annual musicol. **6.** Elaine Belanger, daughter of Henry Belanger of Internal Transportation, doing an acrobatic routine. This is her first year with the K. of C. production. **7.** Francis (Red) Trainor, son of Louis Trainor of the Carpenter Shop, is an ald timer with these shows and always well received by the audience. **8.** Opening scene of the second half of "Callege Daze"—a class reunion at a local hotel. **9.** Ray Young, of Quality Control, was Master of Ceremonies during the second half of the show. This was Ray's first appearance with K. of C. shows but performed like a veteran. **10.** Jack Young, Department 414; Arthur Langelier, Department 677; Paul Powers, of Whitinsville, and Corroll Gile, of Department 411, in "The Charleston." **11.** Daris Poole, wife of David Paole of the Production Department, and Emmet Martin, of Department 686, singing "Dearie." Doris has appeared in several of these lacal shows and Emmet has been in o number of community minstrel shows. **12.** Rita Malaney, sister of Dick Guilbeault of Crib No. 5, is a newcomer to the cast but did extremely well singing "Goodnight My Someone."



The Quik-Sliver Card is Whitin's newest concept in high-speed carding

# New Whitin Quick-Sliver Card Ideal for Carpet Yarns

Whitin's newest concept in high-speed carding, the Quik-Sliver card, is a skillfully compressed two-cylinder 60″ card which offers special advantages to mills interested in processing coarse denier, long length fibers and blends commonly identified with the carpet, drapery, upholstery and bulky-knit yarns.

Its 36″ diameter cylinders, largest available on this type of card, permit more thorough carding action on the stock and more efficient fiber transfer from cylinder to doffer resulting in better orientation of the fibers.

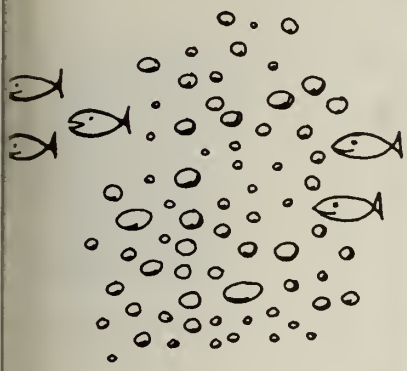
The length of fibers which may be advantageously processed run from 2½″ up to 8″ length, in a denier range of 6 to 18.

Actual production records are already most impressive even though the Quik-Sliver card has been only recently introduced. While actual poundage is dependent upon the type of stock being processed, productions in excess of 300 lbs. per hour have been achieved on 15 denier 4½″ staple, synthetic stock on prototype machines operating on field trial.

The Quik-Sliver card is engineered and built in true Whitin card tradition making maximum use of anti-friction bearings throughout. This strong and rugged design assures mill customers of a trouble-free, low maintenance machine with settings that remain fixed for higher quality card performance.

The Whitin Quik-Sliver card represents a definite advance in the technology of carding coarse denier fibers. Its compact size coupled with its speed and efficiency offer the makers of carpet, drapery and bulky-knit fabrics unusual competitive advantages and economies.

This group of men from local communities are taking advantoge of the opportunity to leorn the principles of scuba diving at the Whitin Gym



# SCUBA DIVING

*by Harold Case*

Two courses were held this year in the Gym pool for several dozen individuals interested in learning how to swim underwater with the use of air tanks. Scuba diving is fast becoming a leader in outdoor sports but it takes a lot of class work and practice as well as ability to swim above the average. Nick Guido, instructor of the courses, insists on everyone knowing thoroughly all the principles of diving by the time the course is completed. Each participant takes a written test consisting of 99 questions. Anyone able to answer all of these questions should not have any trouble underwater.

One of the pictures on this page shows a group of future divers discussing the theories of this underwater sport before entering the practical phase of course which is depicted in the other photo. Actually there isn't much fun diving in the pool but it is a safe place to practice. It is a big thrill to make the first dive outdoors and when the bottom is 20 or more feet down the novice must know what he is doing. Graduating from fresh water to salt water is like the difference between black and white movies and colored ones. Once the diver has been in salt water the fresh waters don't hold too much interest for him.

This is the fourth year that these courses have been held at the Gym. The next series will start in November in case any readers wish to take up this most thrilling sport.

While on the subject of one aspect of swimming, now would be an opportune time to mention the daily swimming lessons held in the local pool during the summer vacation months. Last year there were over 500 hundred boys and girls who enrolled in the beginners classes. Some came from as far away as Westboro and many came from area towns as well as hundreds from Whitinsville. If you have a boy or girl who is at least 45 inches tall make every effort to get them in a class this summer. No one should miss the fun of being able to swim well. Classes are held also for the children who have already learned to swim and want to improve. No matter how well someone thinks he can swim there is always more to be learned and certainly the extra practice will never hurt either.

Group discussion on scuba diving before entering water with oir tonks

# Honor Roll

Lewellyn Lyman
Large Planers
30 Years

## April–May, 1964

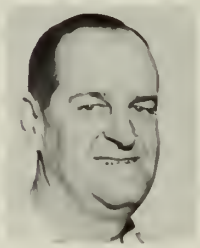
Leonard Bausquet
Tool Room
30 Years

Leo J. Roy
Inventory Control
30 Years

Harvey J. Mercier
Packing, Shipping, & Receiving
30 Years

Francis Blette
Milling
30 Years

Sidney Ebbeling
Large Planers
25 Years



Bernard E. Haward
Gear Cutting
25 Years

Phyllis Maker
Spinning & Twisting Small Parts
25 Years

Varkis Asadoorian
Core Room
25 Years

Haward E. Caak
Data Processing
25 Years

Jaseph L. Brachu
Faundry
25 Years

Walter P. Konvent
Garage & Trucking
25 Years

Lucien Aubin
Foundry
25 Years

Edward Allega
Box Making
25 Years

Henry W. Lavine
Cabinet & Maint. Carpentry
25 Years

Paul Valentine
Machine Maintenance
25 Years

Wilfred Biladeau
Large Planers
25 Years

Paul E. Hendricksan
Screw Machines
25 Years

Jaseph P. Hickey
Spindles
25 Years

Dominic O'Gara
Balsters
25 Years

Leonard J. Gosselin
Lathe, Grinder & Camber Parts
25 Years

## 25 Years

**Leo Asadoorian,** Large Planers

**Henry Chenevert,** Foundry

**Frank Machacz,** Bolsters

**Stanley Warwick,** Spindles

## 20 Years

**William Collins,** Roving Erecting

**Reginald J. Demague,** Duplicator & A.T.F. Assembly

**Charles W. Resan,** Inspection

**Irene Vermette,** Mfg. Planning Engineering

## 15 Years

**Theodore L. Froh,** General Accounting

**James Orrell,** Synthetic Filament Sales

## 5 Years

**Gabriel L. Armstrong,** Roving Comber, Picker Stores (Storesroom 11–13–24)

**Gloria V. Beaudoin,** ARCT Machinery

**Gloria C. Bolivar,** Order Administration

**Emile J. Boulanger,** General Machining

**Elmer Connor,** Wool Sales

**Leo J. Desrosiers,** Roving, Duplicator & A.T.F. Parts

**Helen DeVries,** Product Planning

**Vivian M. Erickson,** General Accounting

**Norman Gabrielson,** Development Construction

**June Judson,** Data Processing

**Stephen F. Marsh,** General Machining

**David J. Poole,** Spinning & Twisting Stores (Storesroom 5–16–32)

**Blanche Small,** Inventory Control

**Carol I. Valis,** Steel Cut-Off & Storage

# News Roundup

## CLERGY VISIT WHITIN

As part of Whitin's intensified communication program, a significant step forward in community communications was taken Tuesday, May 5, when all the clergymen of every denomination from the town of Northbridge and surrounding communities were invited to participate in a 3-hour conducted tour of the plant.

The event marked the first time that the clergy as a group participated in a single event and it was the first time that Whitin invited this group on such a tour.

Prior to starting on the tour, the assembled group was greeted by David Longmuir, Director of Industrial Relations. He introduced Norman F. Garrett, President, who spoke on the increasing importance of better communications between the Company and the community.

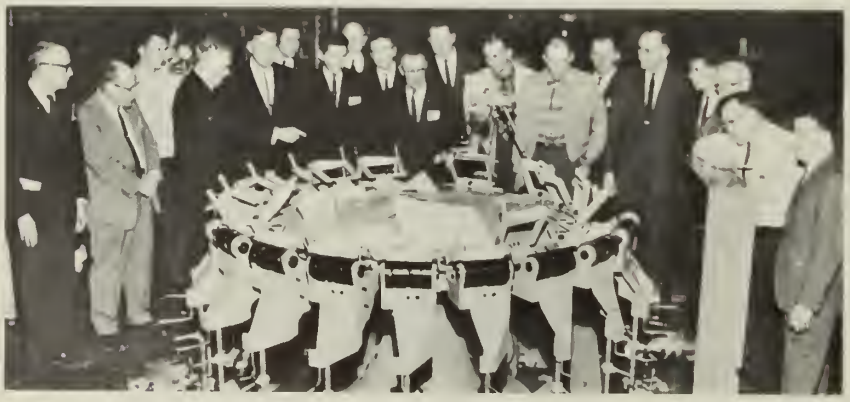
At the conclusion of the visitation, a dinner meeting sponsored by the Whitinsville Ministerial Association was held at the Lasell House where John H. Bolton, Jr., Whitin Vice President, thanked the clergy for their interest in participating in the tour and then, along with David Longmuir, answered a number of questions pertaining to the operation of the Whitin Machine Works.

Among those that attended were Rev. George A. Million, 2nd Congregational Church, East Douglas; Rev. Roy Hoover, Congregational Church, Uxbridge; Rev. William B. Killam, Unitarian Church, Uxbridge; Rev. David Cargill, Lasell Episcopal Conference Center; Rev. Eric Tougher, United Presbyterian Church; Rev. Sahag Vertanessian, Armenian Apostolic Church; Rev. Charles Havens, Jr., Trinity Episcopal Church; Rev. Douglas M. MacIntosh, Village Congregational Church; Rev. Herman Tietsma, Fairlawn Christian Reformed Church; Rev. John Holwerda, Pleasant Street, Christian Reformed Church; Rev. Roland Farrar, Northbridge Center Congregational Church; Rev. Timothee Rondeau, St. Peter's Church, Northbridge; Rev. Raymond Maloney, St. Peter's Church, Northbridge; Rev. Peter Hamernik, St. Mary's Church, Uxbridge; Rev. Cornelius O'Leary, St. Mary's Church, Uxbridge; Rev. Camille A. Blaine, Good Shepherd Church, Linwood; Rev. Paul Tutwiler, O.S.Cam., St. Camillus Hospital; Rev. Louis Gasgaldello, St. Camillus Hospital.

Among those from the Whitin Machine Works were John H. Bolton, Vice President; Ward Smith, Secretary-Counsel; David Longmuir, Director of Industrial Relations; John Osgood, Director of Development; George McRoberts, Public Relations Manager; William Spratt, Divisional Superintendent; Nicholas DeHaas, Director of Apprentices; Raymond Young, of Quality Control, and Norman A. Wright, Manager of Employee Communications.

Unfortunately, Rev. Francis M. Hickey and several local clergymen were unable to attend due to the death of Rev. Hickey's brother.

Effective April 6, Leo Roy was appointed Technical Coordinator, ARCT Machinery & Sales Department, reporting directly to Robert F. Waters, Manager



Local businessmen, pictured with guides George McRoberts, Ray Young and Victor Romasco, view Foster Winder during a tour of the plant in April

## Businessmen Tour Plant

Members of the Northbridge Chamber of Commerce and the Whitinsville Kiwanis Club were given a conducted tour of the Whitin Machine Works on the invitation of Norman F. Garrett, President. One group toured the plant on Tuesday, April 7 and the other group visited the plant on Wednesday, April 8.

The tour included the Foundry, a number of machining departments, machinery erecting floors and the product display area in the Research and Development Division.

MYSTERY PHOTO—In May, on the left, it was Tom Tycks, Foreman of the Planer Job. On the right are three more to identify

## SCIENCE FAIR AWARD WINNERS

George A. Arees, Jr., 14-year-old ninth grader at Woonsocket Junior High School won a special award from the American Society of Tool and Manufacturing Engineers, Rhode Island Chapter, for his science fair exhibit. He was presented a savings bond at the chapter's dinner meeting in May. The exhibit also won him a first grant in the recent state science fair in Providence. He is the son of George A. Arees of Department 427.

Among the winners at the Northbridge Junior High School Science Fair were Robert Wood, grade 7, for his Van De Graaff generator and Rhonda Segal, for a slide rule. Robert is the son of Bob Wood, Personnel Manager at Whitin and Rhonda is the daughter of Harry Segal of Management Services.

## Whitin Official Addresses Foundrymen in New Jersey

Robert C. Walker, Foundry Superintendent, was guest speaker in April at the annual meeting of the Metropolitan Chapter of the American Foundrymen's Society in Newark, N.J. He presented a paper entitled "The Way it is Done at Whitin Machine Works" in which he described the foundry practices, techniques and facilities of the Whitin Foundry.

## Six Retire at Whitin

David C. Clark, 42 years

Wilfred E. Hippert, 24 years

Joseph N. DosSantos, 22 years

Albert G. Gauthier, 17 years

Ralph W. Peckham, 15 years

William M. Fraser, 11 years

John Torosian, Chief Inspector; Harold Wassenar, of Quality Control; and Ira Naroian, Manufacturing Engineer—Production, have received certificates from the American Society for Metals for successfully completing a course on "Heat Treatment of Ferrous and Non-Ferrous Metals" held at the Lt. Joseph P. Kennedy, Jr. Science Building, Assumption College, Worcester. The presentations were made at Whitin by C. W. Adams, Manufacturing Manager

## Births

To John Ratcliffe, Order Administration Department, and Mrs. Ratcliffe, a daughter, 7 lbs., 13 ozs., May 3, 1964.

To Mr. and Mrs. Eugene R. Massey, a daughter, Susan Jeanne, 8 lbs., 1 oz., April 9, 1964.

## In Memoriam

Hugh Mateer, 73, fitter on Combers, died on April 12. He was employed at Whitin for 38 years before retiring 3 years ago.

John E. Healey, 82, sheet metal worker, died on April 6. He was a Whitin employee for 41 years before retiring in 1958.

Krikor Kotoian, 73, Molder, died on April 3. He retired 3 years ago after being employed at Whitin for 25 years.

Mrs. Oliva Cabana, 69, died on April 1. She worked at Whitin for 17 years before her retirement in 1960.

John N. Julian, 60, Foundry Production Planner, died on April 4. He was employed at Whitin for 26 years.

Napoleon Deschene, 58, a machinist, died on April 16. He was a resident of Whitinsville for 53 years and was a former vice president and trustee of Local 3654, AFL-CIO.

Sikke Visbeck, 61, died on March 29. He had been employed at Whitin for the past 35 years.

David H. Kenney, 70, a former Whitin employee, died in Blackstone on April 4.

Stephen Krause, 86, a retired Whitin employee died on May 1.

# Chance Takers are ACCIDENT BAIT!

# The WHITIN PROFILE

JULY-AUGUST 1964

The WHITIN
PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

JULY-AUGUST, 1964
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## YOUR MISTAKES CAN WORK FOR YOU

You have to break eggs to make an omelet. And you may have to make some mistakes in learning to do your job correctly.

Some people think it's their mistakes that hold them back. Of course, that is partly true, but more often it is what we do about our mistakes that holds us back.

Too often we defend a mistake, or overlook it, or worry about it. Instead, we should use it as a warning and a guide to do better.

A mistake, honestly faced and put to work in this way, can help us master a job more quickly.

## WHITIN PERSONALITY

FREDERICK E. KEENE, Foreman of the Electrical Assembly Department, was with the 763rd Tank Battalion which was on combat duty on Leyte and Okinawa for 18 months during World War II.

Fred was born in Milford on May 31, 1924. In August 1942, soon after graduating from Milford High School, Fred became employed in the Whitin Foundry as a Molder's Helper.

Holidays have a particular significance for Fred. On Thanksgiving Day 1942 he entered the U.S. Army and was discharged on Christmas Day 1945.

He returned to Whitin in 1946 where he worked for short periods on the Tin Cylinder Job, the Card Cylinder Job and the Small Planer Department. In 1950, he started his apprenticeship in the Whitin Apprentice School and graduated in 1954 as an Electrician. Through 1954 and 1955 he was a First Class Electrician in the Electrical Department where he worked on electrical maintenance throughout the plant. In 1956, he was assigned to building electrical control panels for various textile machines. In 1959, the demand for control panels increased and a separate department was formed for this purpose and Fred was appointed Foreman. He is in charge of 13 men who devote their time to building electrical panels and the wiring of textile machines, printing presses and duplicators.

He married the former Miss Doris Kell of Long Island, New York, in June 1946. They have two sons and two daughters. The eldest, Faith, is a junior in the Milford High School. Carol is in the fifth grade. Daniel is in the fourth grade and William is three years old.

In addition to his high school education and his apprentice training Fred attended Worcester Trade School evenings for more than a year. He also completed a two-year correspondence course in electronics with the Air Force Reserve.

He is a member of the Air Force Reserve presently stationed at the Worcester Airport. In addition, he is a member of the Veterans of Foreign Wars.

His pastimes include fishing, coin collecting and stamp collecting. He also enjoys a good book, a good movie and watching youngsters play baseball and football.

FRONT COVER: Dave Greeno and Charles Pina fill a ladle with molten iron from the new Hevi-Duty induction furnace recently installed in the Foundry. Details about this furnace and other new Foundry equipment appear on page 8.

WHITINSVILLE SOCIAL LIBRARY
WHITINSVILLE, MASS

# A MAN'S LIVELIHOOD

A man without tools is a man without the means to earn a livelihood, in today's industrialized world.

No seaman would abuse or neglect the ship or gear that means his living—or even could mean his life.

The fisherman takes good care of his nets and lines.

The farmer doesn't let his implements rust away.

But when "the company" provides the tools, the personal feeling a man has for the equipment that he depends on for his living is often lacking.

Too often the employee feels the tools do not belong to him but to a remote body called "the company." So he may become careless in their use.

Yet the tools *are his,* in the most practical sense of all. He uses them, and earns his high standard of living by them.

Actually, he has a bigger stake in taking care of his tools, in keeping their efficiency sharp and their maintenance costs low, than the average stockholder—who is technically the owner of a fractional part of each tool.

Your tools take care of *you.* Take care of *them.*

# ELECTRICAL ASSEMBLY

## a growing department

Foreman Frederick Keene, on the right, explains latest wiring change on Winder control panel to James Corriveau, panel assembler. To meet production requirements, 15 of these panels will have to be assembled each week

BELOW: Lucien Chevalier, panel assembler, is bending wire for control panel to be used on Even-Draft Draw frame which is built at Fayscott Landis Machine Corporation, Dexter, Maine. 15 of these panels are assembled each week

In the Whitinsville division of the Whitin Machine Works there are about 50 departments engaged in manufacturing parts for the Company's products.

Some of these departments have been in existence almost since the beginning of the Company. Others have been added through the years as the Company grew and prospered.

There are other departments which are still in their infancy, but in the years ahead are expected to grow in size and importance.

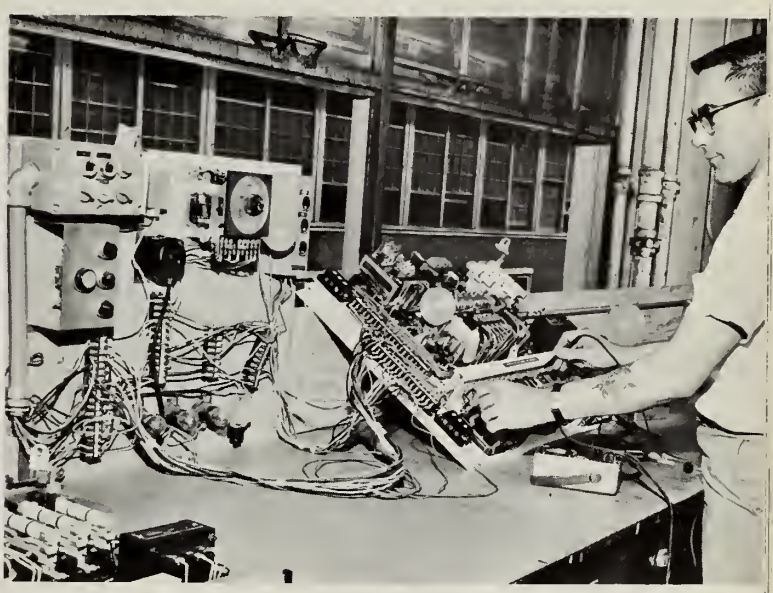
One such department is Electrical Assembly which has 13 men under Foreman Frederick Keene. This department has the responsibility of properly wiring the Company's textile machinery, duplicators and printing presses.

After each Whitin machine has been assembled on the erecting floors, it must have electrical controls installed. These controls vary from a simple linestarter which transfers electrical power from the main line to the machine, up to complicated

These men, learning to be panel assemblers, start from the beginning. From right to left: Richard Houle cuts wires to proper length, while James Brennan strips end of wires for receiving terminal and solder and Ernest Ebert attaches terminals to wires

BELOW LEFT: Michael Berardi, panel assembler, is soldering rectifier assembly used on new Foster M2 Winder

BELOW: Robert Poulhus, Group Leader in the Panel Room, is testing a Model H1 Super Lap Control Panel

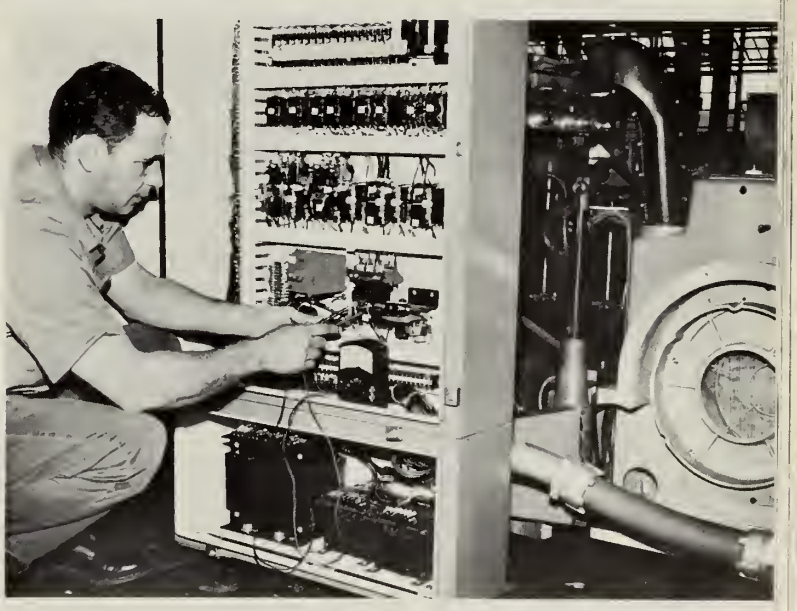


control panels which contain one or more devices that automatically control various operations of the machine.

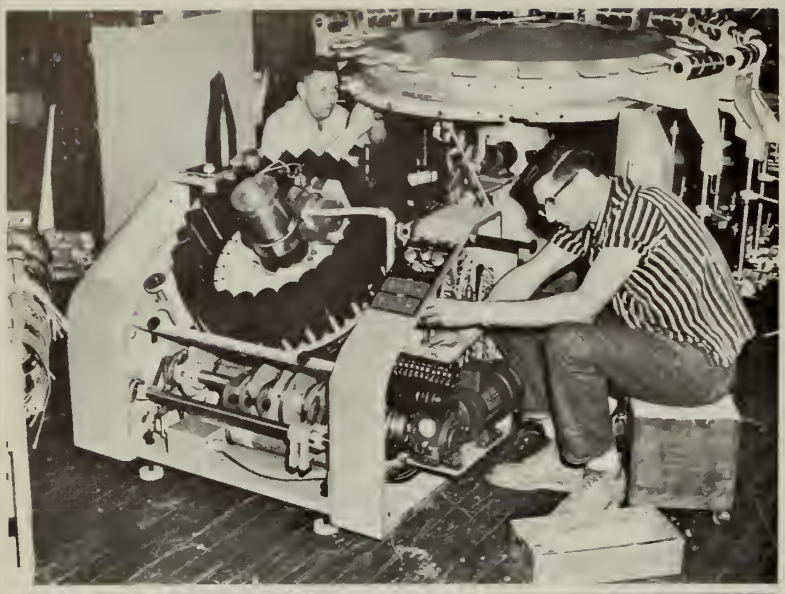
An elaborate control panel may consist of line-starters, electronic-controlled relays, power packs, transformers, terminal strips and a disconnect switch.

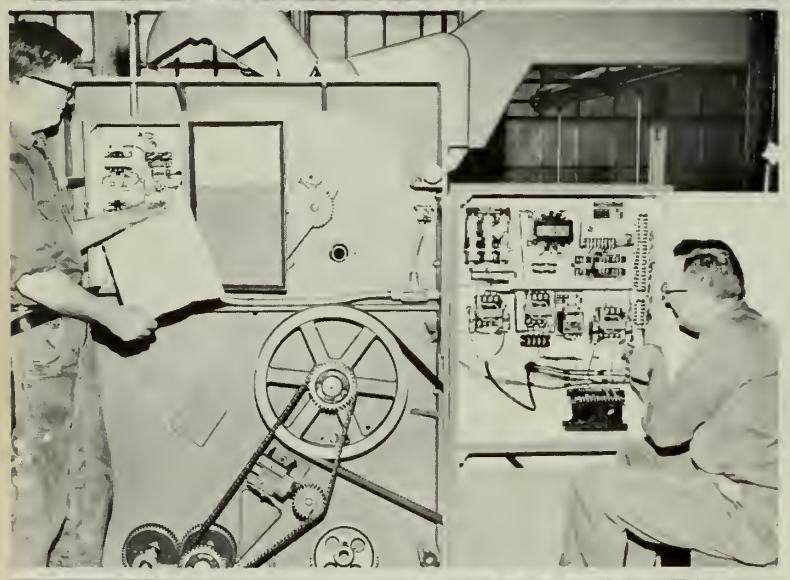
These panels, or controllers, are assembled by seven men in the Electrical Assembly Department for use on such machines as: roving frames, combers, spinning frames, Axi-Flo, ATF printing presses, duplicators, etc. Electrical control panels are made also for Even-Draft drawing frames and Super Lap machines which are built at the Fayscott Landis Machine Corporation, Dexter, Maine.

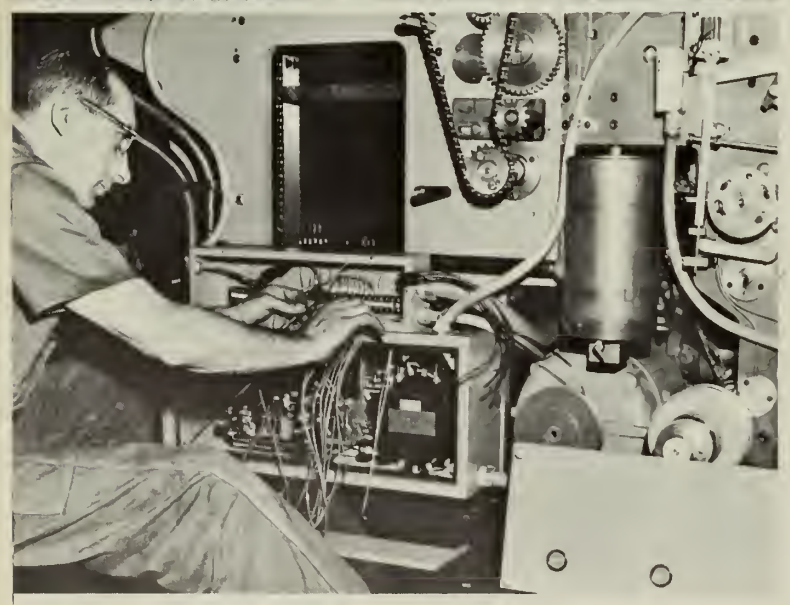
In addition, panels for the new Foster-Muller Winder and some of its sub-assemblies have recently been added to the department's assignments.



Benjamin Colonero, licensed electrician, checking circuit on control panel of Foster-Muller Winder







This department also builds junction boxes and electrical sub-assemblies for blanket wash-up attachments on duplicators, as well as control units for printing presses and various liquid-tight flexible metal conduit assemblies and cord assemblies for winders.

Once the wiring of the panel is started, the assembler follows it through to completion He uses from 45 to 500 feet of wire for each panel. He cuts the wire to various lengths, strips each end to receive solder and terminals and bends it. Then he installs the electrical units to panel, connects the wiring and assembles the panel in the proper control box.

There are also four licensed electricians and two assistants on the Comber Floor, Roving Floor, and Winder Department, who complete the wiring on the various machines which connects to the control panels. This installation includes push-button stations, motors, limit switches and other electrical equipment.

While the men in this department are assigned to do the wiring for specific panels, they have been trained to assemble all types of panels. The men who wire the machines on erecting floors are also thoroughly trained in all phases of machine wiring.

Today we live in an age of growing technology and advancing automation. The demand for more and more sophisticated and remote controls will be the rule rather than the exception.

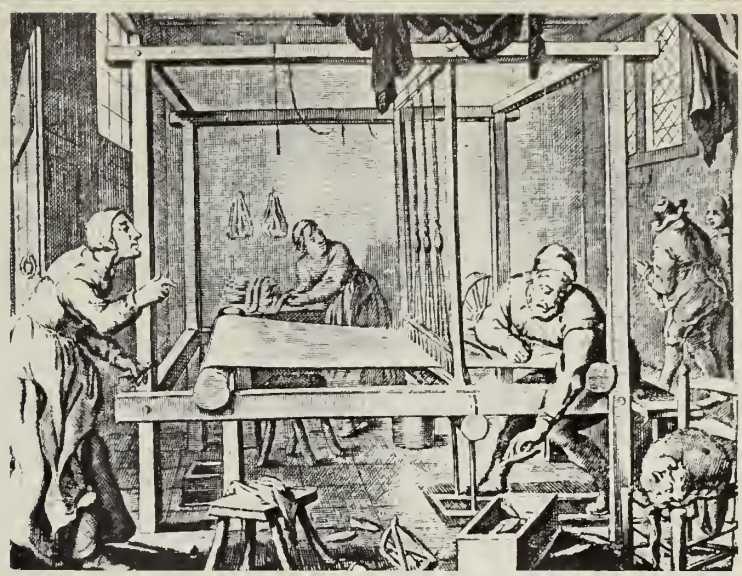
As Whitin contributes to the rapid growth of technology in textiles and in other products it manufactures, the swiftly changing role of electronic controls will insure that this department will grow in stature and importance.

TOP: Hilton E. Bickford, on the left, is assembling wires to wiring trough on the carousel of the Foster-Muller Winder. On the right, Albert Shedyak is connecting the wires in the robot section of the Winder

MIDDLE: S. Paul Hooyenga and Jean Roy, licensed electricians, are installing Adamstop control to an experimental Model "J" Roving frame

LEFT: Harry Frisiello, licensed electrician, is wiring the Model DL Press controller to the Printing Press

# *Wool-*
# *Since the Stone Age*



When the Romans captured Britain in 55 B.C., they taught the craft of wool textile manufacturing. From this grew the 2,000-year-old industry on which England built an empire

Long before the dawn of history, some 12,000 years ago, a Stone Age hunter observed that the fleece of wild sheep was softer, warmer, and thicker than the hairy skins of other animals. This discovery was one of the major contributions to human progress.

For the sheep was one of the first animals to be tamed—around 6000 B.C. And since this one animal could provide man with food and clothing, its domestication helped to turn man from a wandering nomad into a settler. The Greeks of Homer's time were sheepherders; the Bible, from Genesis to Revelation, is filled with reference to sheep, shepherds and sacrificial lambs.

When the Romans captured Britain in 55 B.C., they taught them the craft of wool textile manufacturing. From this grew the 2,000-year-old industry on which England built an empire.

It was the Romans who also brought sheep into Spain, considering the climate there ideal. Eventually breeding produced the Spanish merino, and its wool came to be regarded as the world's finest. So jealously guarded were these merinos that they weren't allowed to be taken out of the country—anyone who did so was put to death. But some merinos were smuggled out through Portugal, and the King of Spain sent some as prized gifts to his royal relatives in other kingdoms. Today descendants of the Spanish merinos are found in every sheep-raising country.

The sheep of Spain and England came to America with the first adventurers and immigrants. After discovering America, Columbus returned in 1493, bringing livestock that included sheep. In 1521, when Hernando Cortez conquered Mexico, he became America's first ranchero.

In the 18th century, the American farmer-colonists were weaving their own coarse woolens to fight off winter cold. But British laws tried to prohibit this household industry, in order to keep the American market for England-made wool fabrics. This turned out to be one of the explosive issues that finally led to the Revolution. Even colonists who could afford better made the patriotic gesture of wearing rude homespun wool, in preference to fine English broadcloth.

The sheep drives across the continent during the 19th century helped tame the Wild West. Among the most famous of these sheep drivers was "Uncle Dick" Wooton. In 1852, he drove 9,000 sheep from Taos, New Mexico, to Sacramento, California. It took a whole year. Along the way he was stopped by Indians: In one case, Wooton wrestled with a Ute Indian chief for the right to pass through Ute territory. At the end of the trip, he sold more than 8,900 sheep (a record number to survive such a trek) for more than $50,000.

Heroic exploits like these helped build a great industry. Now there are sheep in every one of the United States, and hundreds of thousands of workers are employed creating wool textiles.

Today most of us use wool throughout the year as a matter of course—in a coat or suit, or baby's bunting, a soft muffler, socks, sweaters, upholstery, rugs, and blankets—without even realizing why we've chosen it. But there's good reason. From the Stone Age to modern times, 12,000 years, man has still found no other fiber that provides such insulation against rain, cold, and heat, and with such lightness, comfort, and durability.

# *New* FOUNDRY INSTALLATIONS *completed*

Everybody knows that if a company expects to stay competitive and remain in business, it must use modern methods of operation.

At Whitin modernization is taking place constantly. This modernization improves the quality of the company's products and enables employees to increase production without additional human effort—and in many instances with less individual human effort.

Installed recently, as part of the Foundry modernization program, were a new Hevi-Duty induction furnace, eight new jolt squeeze molding machines and the latest Osborn Rota-Lift molding machine.

## HEVI-DUTY INDUCTION FURNACE

The new furnace, which has a holding capacity of 8 tons of molten iron and is designed to be used as a liquid metal receiver and mixing ladle, has important advantages over previous system:

. . . Iron is melted in the cupola and fed directly into the furnace where it may be mixed to insure more uniform chemical analysis than was previously possible.

. . . Constant heat supplied to the furnace through induction heating coils makes it possible to maintain more uniform and higher pouring temperatures. This decreases the amount of scrap encountered by reducing misrun castings and castings with hard spots.

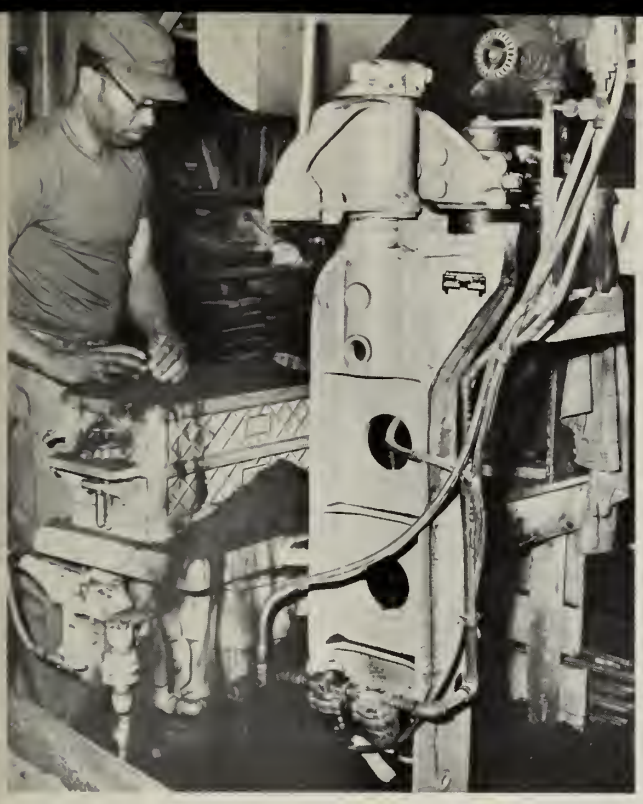
. . . No longer is it necessary to pour excess or cold iron into pigs at the end of the day as the iron will be held in the furnace in a melted condition until needed.

. . . Due to the large capacity of the furnace, downtime is reduced to a minimum.

. . . Whitin's textile machinery requirements are for soft gray iron castings having good machinability. Outside contracts frequently specify irons having different characteristics. The flexibility offered by this new furnace in mixing chemical and metallic additives will enable Whitin to secure more outside molding contracts. Total cost of new furnace exceeds $60,000.00.

This unusual photograph shows sparks of oxidized iron flying around Dave Greene as he takes a sample of molten iron from the new induction furnace for chemical analysis

Albert Cummings, Foundry Metallurgist, looking over new Eutectometer which is used to determine the analysis of metal being poured from new induction furnace



## JOLT SQUEEZE MOLDING MACHINES

The eight new Osborn jolt squeeze molding machines are precision engineered and ruggedly built for fast, efficient production of quality molds. They are designed to keep molding operations, for small parts, profitable with minimum maintenance and downtime. Convenient location of all controls make this equipment especially easy to operate.

The installation of modern equipment, such as described above, is another indication of management's keen desire to stay competitive, maintain jobs, and hold on to Whitin's world-wide reputation as a manufacturer of top quality machinery.

**Alphonso Chottmon, molder, is using one of the eight new jolt squeeze molding machines recently installed in the Foundry. Cost of these units totaled $16,000.00**

## BORN ROTA-LIFT MOLDING MACHINE

The Rota-Lift has a large table which will accommodate flasks up to 44″ in length and it mechanizes all five major operations required to make molds from large match plate patterns. It jolts, rolls, squeezes, draws and closes. Almost completely mechanized, the Rota-Lift keeps operator fatigue to a minimum.

Many short run jobs can now be more economically machine molded. . . . More castings per mold can be made since the size and weight of the molds are no longer a major consideration. . . . Speed of operations is increased. . . . One machine can handle a wide range of flask sizes and is quickly adjustable for rapid change of jobs.

**Roland Derogon operating new Roto-Lift in the Foundry. The cost of the new machine was $12,000.00**

# Little League

# off to a good start

Another summer has rolled around and again there are 75 local boys, ages nine through twelve, playing organized baseball on five teams in the Northbridge Little League. As usual, the teams will be known as the Indians, Red Sox, White Sox, Pirates and Dodgers.

The League officers for the 1964 season are Anthony Campo, President; Wallace Steele, Vice President; Bob Wood, Treasurer; James Brosnahan, Secretary; and Raymond Tebeau, Player Agent.

Pictured on these pages are the five Northbridge Little League teams and their managers.

## INDIANS

Front row, from the left: Jim Kuekan, Jim Hoggerty, Mark Shugrue, Rodney White, Ray Roche, Richard Houle, Vincent Murroy. Back row, from the left: Paul Picard, Steve Walszok, Billy Skerry, Jack Pendergast, Bobby Smith, Gary Bumo, Mark Pendergast, David Arsenault. Manager Jack Young and Assistant Manager Dick Feen were absent when picture was taken

## PIRATES

Front row, from the left: John Rivet, Kevin Ratcliffe, Frank Zayonc, Pat Brosnahan, Brian Waters, Neal Ratcliffe, John Gamelin, Mike Brosnahan. Back row, from the left: John Melio, Robert Gonynor, John Meagher, Neil Davis, John Niejodlik, Steve Mills, J. Ratcliffe, Manager. John Hollam was absent when picture was taken

# RED SOX

Front row, from the left: D. Potty, J. Roy, D. Boucher, J. Rivet, C. Asadoorian, M. Teitsma, D. Youngsma, M. Belanger. Back row, from the left: F. Gudanowski, Manager; W. Lavallee, P. Esposito, R. Youngsma, J. Graham, P. Sharawara, M. Plante, G. Jorritsma

# WHITE SOX

Front row, from the left: Billy Ballou, Marty Schotanus, Bruce Carr, Tom Poland, Tom McDonough, Steve Cervizzi, Roger Bajema. Back row, from the left: Jimmy Mateer, Donald Mateer, Jr., Assistant Manager; David Conlee, Paul Vincent, Ricky Kizarian, Brian Milkman, Paul Mateer, Don Mateer, Manager; Howard Hill

# DODGERS

Front row, from the left: David St. Andre, John Gregoire, Ronald Garabedian, David Brochu, Daniel Adams, John Altieri. Back row, from the left: Wallace Steele, Assistant Manager; Timothy McGee, Stephen Desjourdy, Jeffrey Ashworth, Michael Campo, Kevin Steele, Donald Forget, Michael Shea, Harry Remillard, Manager

# Honor Roll

## May–June, 1964

William Lynch
Milling
25 Years

Alvin J. Goyette
Painting & Sanitation
25 Years

Lendall Pendleton
Lathe, Grinder & Comber Parts
25 Years

Joseph A. Popek
Milling
25 Years

Emmett M. Martin
Mfg. Planning Engineering
25 Years

Louis E. Laflamme, Jr.
Oil Department
25 Years

Henry A. Belanger
Internal Material Transportation
25 Years

Francis J. McCool
Outside Erecting
25 Years

Joseph P. Lachapelle
Punch Press
25 Years

William F. Muse
Polishing
25 Years

George J. Palardis
Milling
25 Years

Raymond A. Tebeau
Cantral Accounting
25 Years

Harold E. Thurber
Spindles
25 Years

Aime J. Brochu
Gear Cutting
25 Years

## 25 Years

**Richard Dunn,** Southern Sales

**Benjamin Peacock,** Southern Sales

**George Gauthier,** Foundry

**William Healey,** Production Department

**Emile Handfield,** Gear Cutting

**John Cichonski,** Packing

**Joseph Janczyk,** Flyers

## 20 Years

**Cleveland Reynolds,** Control Accounting

**John B. Morin,** Gear Cutting

## 15 Years

**Alton Bryant,** Outside Erecting

## 10 Years

**Dorothy A. Shaugnessy,** Office Management

## 5 Years

**Robert H. Anderson,** Roving, Duplicator & A.T.F. Parts

**Omer Carriere,** Automatic Chucking

**Olive Donatelli,** Production Processing

**Stuart Gjeltema,** Gear Cutting

**Richard A. Johnson,** Steel Fabricating & Tin. Cyl.

**Elsie Koliss,** Production Processing

**John Matuszek,** Manufacturing Planning Engineering

**Patricia J. Remillard,** Data Processing

**Ronald A. Senecal,** Apprentices

**Leo J. Talbot,** Chucking

**George E. Thibodeau,** Tool Room

# News Roundup

## C. W. ADAMS AND M. W. KEELER ELECTED VICE PRESIDENTS AT WHITIN

Clayton W. Adams

Murray W. Keeler

Mr. Clayton W. Adams and Mr. Murray W. Keeler were elected Vice Presidents of the Whitin Machine Works at the regular Board of Directors meeting held in Whitinsville, on June 12.

Mr. Adams, who has been Manufacturing Manager since 1960, was elected Vice President, Manufacturing. Mr. Keeler, Regional Sales Manager since 1960, was elected Vice President, Trade Relations. In assuming these newly created posts, both men will report directly to Mr. Norman F. Garrett, President.

Mr. Adams will continue to devote his attention to the over-all manufacturing problems of the company, while Mr. Keeler in his new post will work in close liaison with Mr. Garrett in establishing greater rapport between Whitin and its customers in dealing with a whole range of industry problems.

Mr. Adams, a native of Somersworth, N.H., was educated at Bates College, Lewiston, Me. with additional courses at Boston University, University of Pennsylvania and the Alexander Hamilton Institute. His 30 years of manufacturing experience cover many kinds of products such as shoes, watches, rubber goods and heavy machinery. He has also engaged in job evaluation, labor relations, and management consultant activities.

He came to Whitin in February, 1960 from the American Machine and Foundry Co., New York City, where he was serving as Divisional Vice President.

He is a member of a number of technical and industrial associations. He makes his home in Medfield, Mass. with his wife and family. He considers antique collecting, the restoration of old homes and landscape gardening as his principal hobbies.

Mr. Keeler is a fifth generation direct descendant of Mr. John C. Whitin who founded the company in 1831 and thus continues his family tradition of close association with the firm. Mr. Keeler's interest in the company dates back to his early youth, and immediately following his formal education he entered the firm in 1929. He underwent an intensive apprentice and training period which later involved the actual installation of mill machinery. Prior to World War II he was assigned to the Atlanta, Georgia office as a Serviceman.

His war service was wide and varied, first as an officer in the Civil Air Patrol on Atlantic Anti-Submarine duty, and later in the United States Army Air Force in the Aleutians.

He returned to the Sales Department following the war and built up a wide acquaintanceship among mill officials and personnel all up and down the Atlantic Seaboard and in Canada.

In March, 1948 he was elected to the Board of Directors and in 1952 was named Northern Sales Agent with a territory consisting of Northern United States and Canada. In the 1960 reorganization of the Sales and Marketing Department, he was named to his present post of Regional Sales Manager for the same area.

Mr. Keeler is a member of the Northern Textile Association; South-

A new baseball leogue, known as the Junior Blackstone Valley League, has been recently organized for boys ages 13 through 17. The league is made up of five teams representing Rockdale, Upton, East Douglos, Milford, and Whitinsville. The home games for the Whitinsville team, the Whitin All Stars, will be played at the John Whitin Lasell Memorial Field on Wednesday and Friday evenings, June 17 through August 28. Pictured are some of the local youths that arrived ot the Gym on registrotion day to sign up for the new Whitinsville team. Harley Buma, League President, on the left ond Oscor Asodoorion, Coach of the new Whitin All Star Team, were on hond to occept opplications

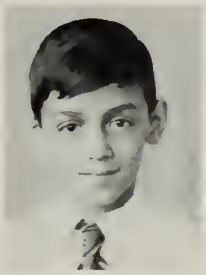
ern New England Textile Club; Textile Dinner Club of Boston; Capital City Club, Atlanta, Georgia; Hope Club, Providence, R.I.; Tennis Racquet Club, Boston, Mass.; Conanicut Yacht Club, Jamestown, R.I.; and the Whitinsville Golf Club. He is also a Trustee of the Old Slater Mill Museum, Pawtucket, R.I.

## Odell Named Vice President of Whitin International

Frederick A. Odell named Vice President of Whitin International

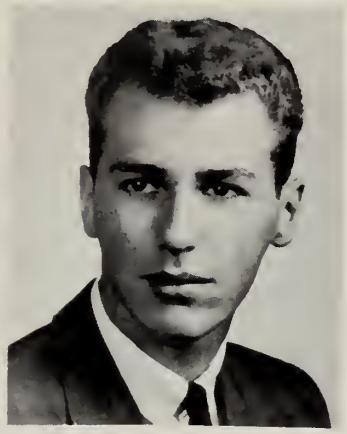
Frederick A. Odell has been promoted to the position of Vice President and named a director of Whitin International Limited. He has been Sales Manager of Whitin International Limited since 1961 and will continue to serve in that capacity.

Mr. Odell has traveled extensively for the Company and is well known in widely-separated textile centers around the world, especially India, the Middle East and South America.



MYSTERY PHOTO—In June, on the left, it was William, Sidney, and Edward Baker. The new photo mystery is on the right

Edward G. Morrett named Advertising Manager



William A. Spratt, III, the son of James and Agnes Spratt, graduated from the Northbridge High School in June. He plans to further his education at Wentworth Military Academy, Lexington, Missouri

At a May meeting of the Northbridge Finance Board Richard W. Rawlinson was elected Chairman of the Finance Committee. He was appointed to fill the vacancy created by the resignation of Joseph Vilis. Mr. Rawlinson is Product Manager of Replacement Parts and Conversions at the Whitin Machine Works

## Morrett Named Advertising Manager

Edward G. Morrett, of the Marketing Department, has been promoted to Manager, Advertising and Sales Promotion. Mr. Morrett, as Assistant has been handling advertising and sales promotion activities for the Company since April 1962.

## In Memoriam

Anthony Campo, 64, died on May 6. He was a Whitin employee for 40 years before retiring last year.

Anthony Petrillo, 38, died on May 3. He was a Sheet Metal Worker at Whitin for 12 years.

James C. Rankine, 81, died at his home in Whitinsville on May 2. He was a Whitin employee for 25 years and for many years was Assistant Superintendent.

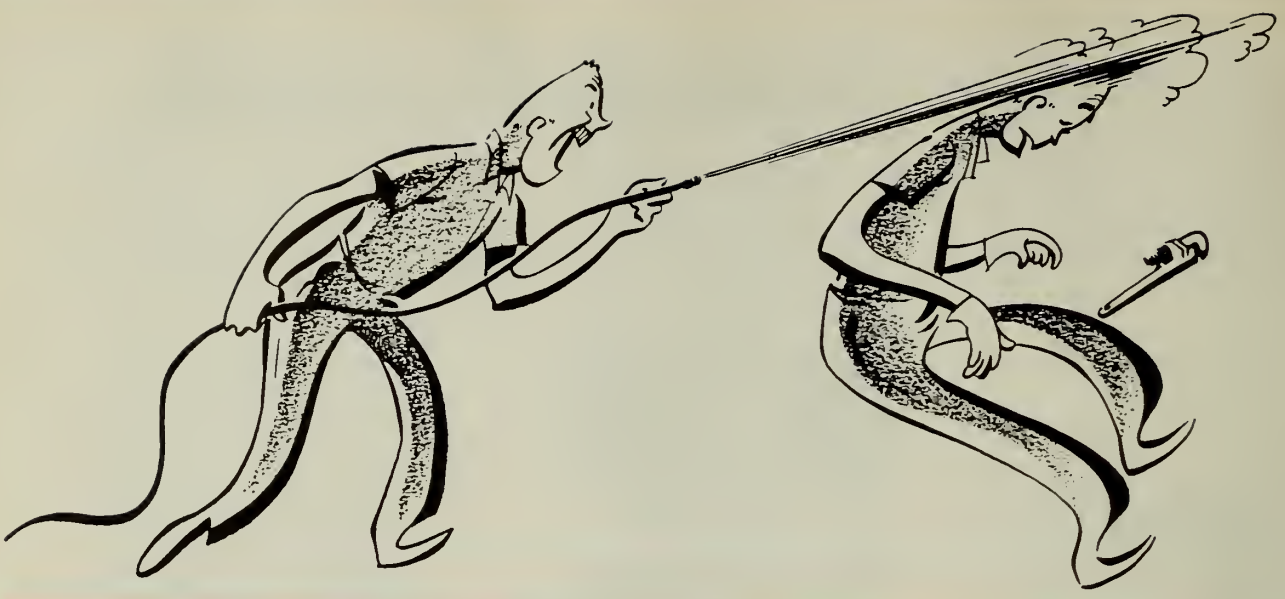
Simon Polucha, 82, died on May 7 at his home in Blackstone. He retired from Whitin Machine Works 15 years ago.

Stephen Bombara, 50, died on May 8 in East Douglas. He had been employed in the Milling Department of the Whitin Machine Works for 23 years.

Victor St. Andre, 64, died in the Whitinsville Hospital on May 9. He was a Whitin employee for 45 years before retiring in 1963.

Emile L. Merchant, 44, died on May 16, in Oklahoma City, Oklahoma. He was employed in the Traffic Department of the Whitin Machine Works before moving to Oklahoma three years ago.

William E. Scanlon, 78, died in the Whitinsville Hospital on May 26. He was employed at Whitin for 45 years before retiring six years ago. He was Tree Warden for the Town of Northbridge for 35 years.



# HORSEPLAY causes ACCIDENTS

WHITINSVILLE SOCIAL LIBRARY
WHITINSVILLE, MASS.

# The WHITIN PROFILE

SEPTEMBER 1964

The WHITIN
PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

SEPTEMBER, 1964
Vol. XVII, No. 9

NORMAN A. WRIGHT . . . . . *Editor*
LAWRENCE M. KEELER . . . *Associate Editor*
G. F. MCROBERTS . . . . *Contributing Editor*
MALCOLM PEARSON . . . *Plant Photographer*

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Printed in U.S.A.

## For a Good Business Good Employee "Climate"

The basic function of our economy is to raise standards of living as high as possible.

Business cannot benefit when consumers—employees—are lacking in buying ability.

But a rising standard of living can be accomplished only by raising output. Living standards can't be raised just by somebody's saying "Let's raise them"—whether that somebody is a head of government, a union official, or a company president.

If it could be done that way, then the backward nations of the world could have as high a living standard as this country does.

What makes a favorable climate for economic growth and increased output? Many things, of course. Primarily, the opportunity to produce profitably; the incentive for investment in industry; a minimum of government harassment and over-regulation; good employee-employer relations.

To reach a high level of jobs and prosperity, we need what is called "a good business climate."

It might just as well be called "a good employee climate."

## WHITIN PERSONALITY

JULIEN MASSON, Foreman of the Wood Pattern Shop, and a veteran of World War II, took part in the Battle of the Bulge. He was a member of Company E, 22nd Infantry Regiment, Fourth Division, which fought for weeks in the mountains in two feet of snow.

Julien was born on December 6, 1919 in Woonsocket, Rhode Island but was reared in Blackstone where his family moved when Julien was four years old. He graduated from Blackstone High School in 1937 and for the next few years worked in a textile mill in Woonsocket.

In 1941 he became employed in the Wood Pattern Shop and has worked in that department since that time with the exception of eighteen months when he was in the U.S. Army and for a year and one-half when he was employed on the Magneto Job.

After acting as Assistant Foreman of the Wood Pattern Shop for about six months, he was promoted to Foreman on December 27, 1962.

While working at Whitin, he completed a two-year evening course in pattern making at the Rhode Island School of Design and a two-year course in mechanical engineering at the University of Rhode Island. On February 1, 1941 he married the former Raymonde Vandemoortele of Woonsocket. They have two sons: Richard, 22, a medical student at Albany Medical School and Denis, 19, who is studying industrial engineering for the third year at Northeastern University.

Julien, who lives at 209 Winthrop Street, Woonsocket is the treasurer of the Franco-Belge Club and has served as a Boy Scout Committeeman in that city for nine years as well as Institutional Representative for two years.

In his leisure hours, he enjoys fishing in Rhode Island waters around Narragansett. He has a house trailer at Scarborough Beach.

His favorite baseball team is the Milwaukee Braves whose activities he followed long before they moved from Boston.

FRONT COVER: Golf is a favorite pastime of many Whitin employees. Improving their putting skill before starting a round in the Whitin Production Golf League at the Whitinsville Golf Club are, from the left, Fred Marshall, Jim Dundas, Andy Magill, Donald Forget, Bob Bethel.

# *The Essential Things of Life*

We take the simple but essential things of life for granted—like our daily bread.

As recently as our colonial times, almost every family was an independent, self-sufficient unit. The family made what was needed, or did without. People not only made their own bread but ground their own grain.

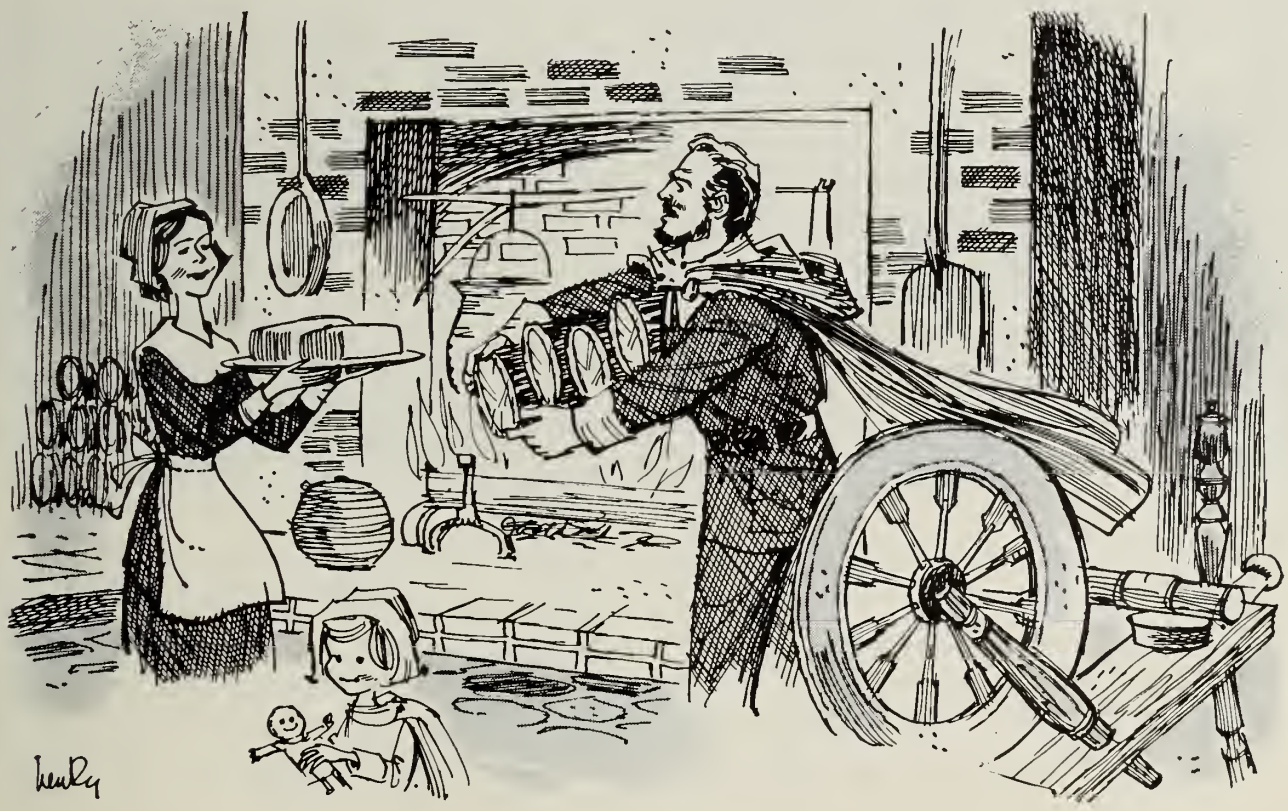
Nowadays, we depend on others for our bread and other foods; for our clothing, heat and shelter.

Modern business has created two new, world-changing ideas.

One is that each type of business specializes in making or selling certain products. The other is that each product is made in great quantities for use far beyond the limits of the plant, and by many more people than had a hand in making the product.

One result is more and better products to enrich our lives. Another result is that each man can develop his talents to the fullest, through specialization—knowing that other specialists will provide him with the things he needs but does not, himself, make.

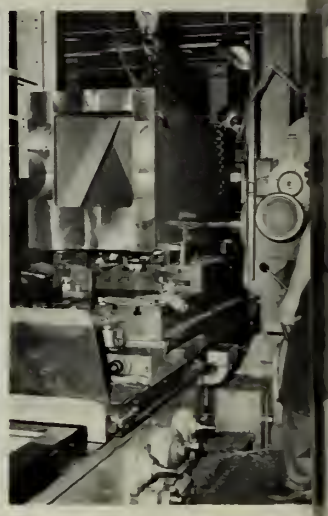
When you come to think of it, modern business in a free society is a marvel of *cooperation*.



# REMEMBER THE CUSTOMER

**JOBS depend on ORDERS**

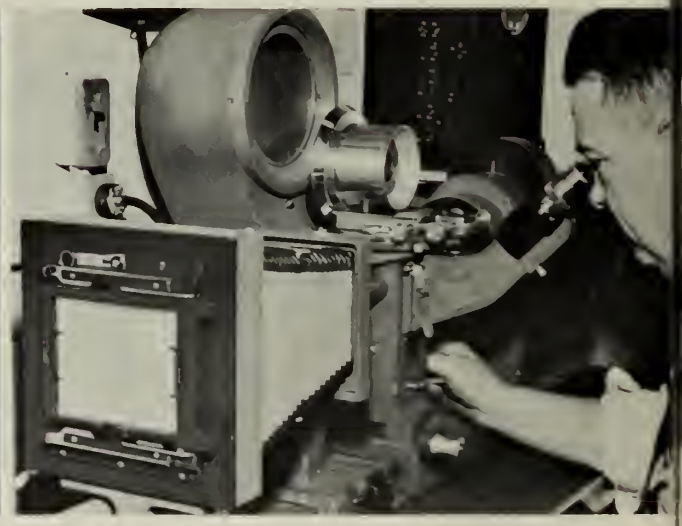
*Remember the Customer*



**Jobs Depend on Orders.** Every job in our plant no matter what it is exists for one reason and one reason only: to help satisfy Whitin customers. Everyone is included be she a secretary like Beverly Powers shown busily filing, above left; a Service employee like Roland Young, center, pictured adjusting the steam output of a boiler in our Power Station; a Production employee like Ralph Poulin, above right, milling a column for a Pratt & Whitney Tape-o-matic Drill.

**ORDERS depend on QUALITY**

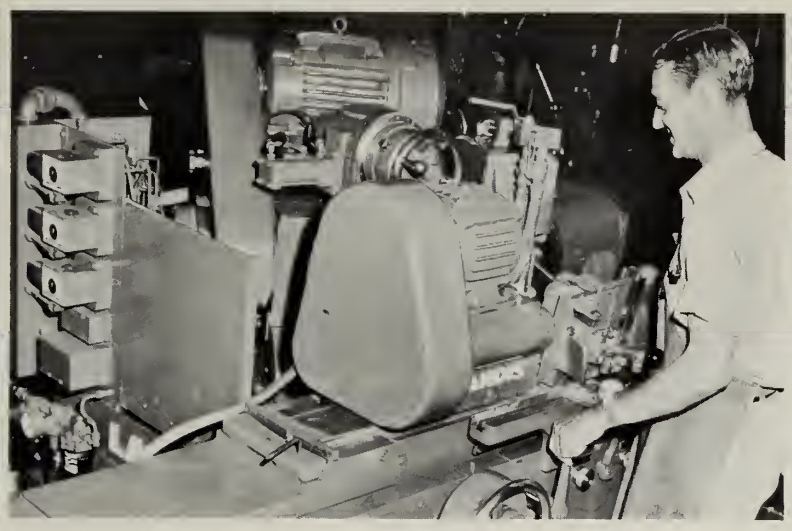
*Remember the Customer*

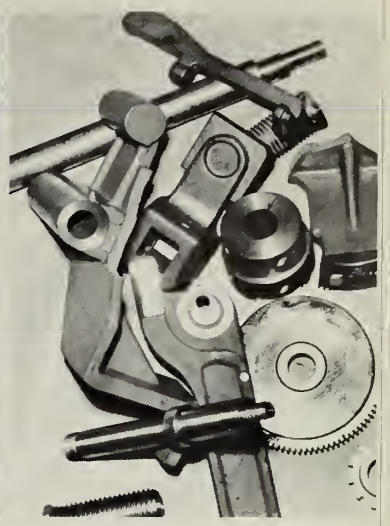


**But What Do Orders Depend On?** One of the most important things that influence sales is quality. In today's highly competitive market it is most important that we have a constant control at every step of production from the time a product is started until it is completed. On the left Donald Corkum weighs samples of steel for chemical analysis. Steel is checked each day before it is used in Whitin products. Another typical laboratory scene is the checking of the microstructure of iron and steel. Pictured on the right is Guy Akers, metallurgist, examining the surface of a draw roll on the Metallograph.

## ORDERS depend on CO$T$

*Remember the Customer*





**Costs Are Vital too.** The cheaper we can produce our products, the more competitive we become. To assist employees in manufacturing our products, the Company spends hundreds-of-thousands of dollars for up-to-date machinery. On the left, in the General Machining Department, Grinder Hand Alfred Gardner is operating a new Landis Grinder which grinds several diameters at the same time on a steel part. But employees can help, too, by utilizing such equipment to its fullest extent and by extreme careful handling of the finished product. The picture on the right shows only a few of the many parts which are scrapped each day due to damage through improper handling or mistakes made in machining. Maintaining low costs is everyone's job at Whitin.

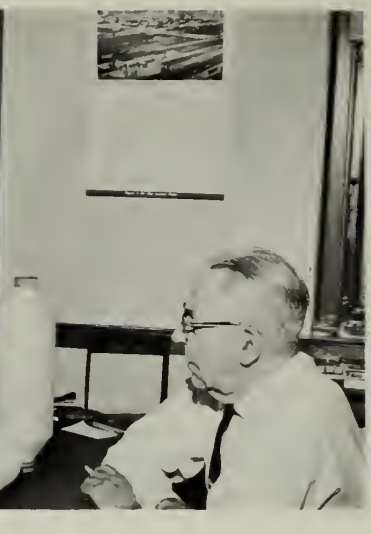
## ORDERS depend on DELIVERY

*Remember the Customer*

**Prompt Delivery** requires the proper scheduling of customers' orders. Bill McNeill, Marketing Liaison Supervisor in the Order Administration Department, sees that all specifications are clarified before entering the shop. On the right, leaving the loading area, is a trailer truck full of textile machinery on its way to the customer. With competition increasing and with every textile machinery manufacturer bidding for orders, promptness of delivery is more important than ever before. Thus if we hope to secure orders and have jobs, we must make sure every order is shipped out the door in time to arrive on the dates specified by the customer who may have scheduled his own plant's operations in accordance with that date.

# ORDERS depend on SERVICE

*Remember the Customer*



**Giving Good Service** is another way by which we can help ourselves. In the left photo William Dunleavy, Manager of Field Services, is shown discussing a customer problem with his assistant Bob Romasco. Customer service is the full-time responsibility of this department. Another important area involving customer service is the erecting of Whitin machinery in textile mills. At the right, seated, Tom O'Connell, Assistant Manager of Millwright Erecting, discusses with Erector Jack Clayton, a new installation of 76 Model N Spinning Frames to be made at the Federal Penitentiary, Atlanta, Georgia.

# ORDERS depend on RELIABILITY

*Remember the Customer*

**Made Right.** The first step in assuring orders and thus our own job security, is to make sure that every customer order is right at the beginning. Before the iron is even melted the cupolas must be charged carefully with the correct quantities of coke, iron and limestone. Stanley Oles, on the left, is shown loading the cupola with charging materials in the Foundry.

**Molded Right.** Before a part is forwarded to the machining departments it must be molded correctly. If molds are properly made all castings from the same pattern are of the same size and weight. In the center picture is Bertrand Lauzon preparing to jolt a mold on a squeezer unit.

**Packed Right.** All products must be packed correctly in order to avoid damage in transit to the customer's mill. On the right we see packer Henry Isabelle properly packing a roving frame head end section. These are the things that build reliability and bring about repeat orders.

# WHITIN WINS ADVERTISING MERIT AWARD

**Lyle M. Richardson, Vice President and Account Executive of Horton, Church & Goff, Inc. Advertising Agency, presents Advertising Award of Merit to Edward G. Morrett, Whitin Advertising Manager**

At the Annual Exhibition of Advertising Art Design, sponsored by the Art Directors Club of Providence, at the Hotel Sheraton-Biltmore in May, the Whitin Machine Works received an Award of Merit for a series of four advertisements which had been prepared to inform and arouse Industry interest in the "Scotsman" Roving Frame. Each ad featured one of the following economic advantages of the machine:

1. Lower original investment compared to other high-speed roving frames.
2. High production per spindle per hour.
3. A new electro-mechanical builder motion which results in higher mechanical speeds.
4. Lower operating and maintenance costs than any other high-production roving frame available.

To support the advertising material, a four-page booklet has been prepared examining these benefits in more detail. A product data sheet has also been developed, giving pre-sale technical information.

A 20-page flip chart presentation is being provided each salesman for his use in telling customers the "Scotsman" story. Ad reprint folders are being prepared also to mail to the Industry inviting inquiries for this presentation.

This campaign, which won the Award of Merit in the Providence (R.I.) Art Directors Club Exhibition, will be entered in several competitions during the coming year.

# ORGANIZATION CHANGES

John B. Davenport

Edward C. Connor

Victor Romasco

Donald Peterson

(*Above*) *Mr. John B. Davenport*, Sales Administrative Assistant at the Foster Machine Company, Westfield, Mass., has joined the sales staff of the Whitin Machine Works. He has been appointed salesman in the Synthetic Yarn Machinery Department, according to an announcement by Mr. Albert O. Roy, Department Manager.

Mr. Davenport, a native of Springfield, Mass., was educated at Williston Academy and Colby College. He joined the Foster Service Department in 1939 and in 1941 entered the U.S. Army Air Force and saw overseas service as a B17 pilot with the 8th Air Force, being discharged as a Second Lieutenant in 1945. He rejoined the Foster Service Staff and in 1948 was promoted to the Sales Department. Following sales assignments in various textile centers of the country he was named Sales Administrative Assistant in March, 1963.

With his wife, two daughters and one son, Mr. Davenport makes his home in Longmeadow, Mass.

(*Above left*) *Mr. Victor Romasco*, Superintendent of Production Processing, has been named Superintendent of Inventory Control replacing Mr. John Mock who has resigned.

(*Left*) *Mr. Donald Peterson*, Superintendent of Master Planning, has been named Superintendent of Production Processing in the Production Department, succeeding Victor Romasco.

(*Above*) *Mr. Edward C. Connor* of Westfield, Massachusetts has joined the Whitinsville sales staff of the Whitin Machine Works as Regional Sales Manager covering the territory of Northern United States and Canada. He succeeds Mr. Murray W. Keeler who was recently elected to the position of Vice President, Trade Relations. Mr. Connor, a native of Springfield, Mass., is widely known in the textile industry and in textile machinery circles, having formerly been President of the Foster Machine Company in Westfield and the current Treasurer and a Director of the American Textile Machinery Association.

Mr. Connor is a graduate of Brown University and the Graduate School of Business Administration, University of Pennsylvania.

He began his business career as a Regional Sales Distributor for General Electric Company. In 1935 he joined the Engineering Division of the Foster organization. He was assigned to the company's Charlotte sales office in 1938 and was made Southern Sales Manager in 1940. He became Company Sales Manager in 1942 and was elected Vice President and Director of Sales in 1953, at the same time being elected a Director of the Company also. He has been President of the company since 1960.

Mr. and Mrs. Connor and their son and daughter anticipate making their home in the Whitinsville area in the near future.

(*Right*) *Mr. George F. Rodgers* has been appointed Inventory Control Supervisor of the Foster Material Storesroom No. 14. He will report directly to Victor Romasco, Superintendent of Inventory Control.

(*Far right*) *Mr. Gerald Lauzier* has been promoted to Inventory Control Supervisor of Storesrooms Nos. 1, 2, 4, 8, 10, 32 and 55. He will report to Victor Romasco, Superintendent of Inventory Control. Lauzier succeeds Theodore Bissan who transferred to the Purchasing Department.

George F. Rodgers

Gerald Lauzier

A local group of youngsters, ages nine through thirteen, learn fundamentals of tennis from Jack Dwyer, tennis coach and faculty member at the King Philip Regional High School, Wrentham

# GYM SPONSORING NEW TENNIS PROGRAM

**By HAROLD CASE**

The Whitin Community Association this year is sponsoring a program of tennis instruction for boys and girls ages 9 thru 17.

Shortly after World War II, when the tennis courts were first built on what was once the John C. Whitin Estate, there was not the interest in the game that there is today. Instruction was available also at that time but few people took advantage of the opportunity to learn how to play. Now the courts are being used throughout the day by junior members and almost every evening the three courts are reserved until the closing hour of 10 p.m.

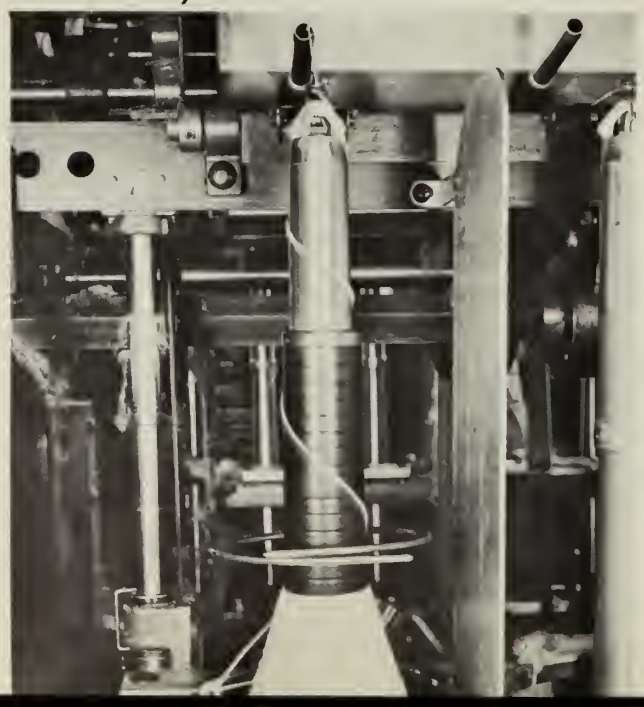
The instructor is Jack Dwyer, tennis coach and faculty member at the King Philip Regional High School, Wrentham. Jack has been coaching tennis for seven years at the school and has always been a constant user of the local courts since they were constructed. Two classes have been formed, a junior group that meets on Saturday mornings from 8:30 to 12:30 includes youngsters from 9 to 13 and an intermediate group meeting Wednesday evenings from 6 to 10 p.m. takes care of the players from 14 to 17. Each of the two groups has been limited to 20 players. In this way each individual receives adequate time for personal instruction. The junior and intermediate members of the Gym were so interested in learning how to properly play tennis that the quotas for the two groups were quickly filled leaving many junior enthusiasts disappointed. If there is the same enthusiasm for the program next year maybe more time could be allotted for instruction or possibly an extra instructor might be engaged.

Tennis, like swimming, is a great "carry-over" sport that can be played at all ages without undue strain on the older person. However, to enjoy this sport one must be able to at least master the fundamentals and this takes expert teaching and lots of practice. With all the young hopefuls taking part here it would appear that the local courts will be busy for years to come.

New Whitin SpiraSpeed Wool Spinning Frame

# New Whitin Wool Frame increases production up to 50 percent

*by John R. Sanderson*



This photo shows unique method of winding yarn on bobbin

WHITIN HAS ALWAYS been noted in the woolen industry for its leadership in wool spinning frame design. The Company was the first American machinery manufacturer to develop a successful ring spinning frame to supplant the mule frame which had been in existence for more than 100 years.

The new Whitin SpiraSpeed Wool Spinning frame closely resembles the old frame in appearance, but in fact has an ingenious newly designed spindle with a special top. It is so successful that with some types of yarn manufacture, production of the frame can be increased by as much as 50 per cent. While several other firms have attempted to utilize this same basic approach, Whitin is the first firm to accomplish it successfully by eliminating certain operating difficulties which were invariably encountered by other manufacturers. In addition to the new spindle design, a substantial number of other improvements such as a longer traverse and other attractive customer features have been incorporated in it.

It is believed that this frame will be warmly welcomed by the woolen industry which is desirous of modernizing to reduce manufacturing costs in order to enable the woolen industry to meet the very severe competition it is encountering from foreign mills.

# AEROSOL SPRAY CANS CAN BE DANGEROUS

Do you have an aerosol dispenser of any kind in your home? If you do, please take a few minutes to read the rest of this article; it may save you a lot of trouble.

All types of products are put up in aerosol dispensers, from paints and varnishes to whipped creams. They include bug and animal repellants, hair sprays, cleaning fluids, shaving cream, toothpaste, deodorants, polishes, air freshners, waxes, deicers and ether car starters. We will make a bet you have at least one in your home and probably more.

They are very handy and generally do a good job, but they can also be very dangerous.

Here is the reason. When a product is put into the container, a "propellant," usually a liquefied gas, is sealed in with it. Some of the liquid gas instantly vaporizes, filling the space inside the can not occupied by the product. This vaporized gas builds a pressure inside the container so that when the valve is opened (generally a button which is depressed), it forces the product out. As the product and some of the gas is dispersed by opening the valve, more gas evaporates inside the can, keeping up the pressure.

Most home product aerosol spray cans are packed to generate 40 pounds pressure at 70° F. The cans are tested to stand pressures three or four times this amount.

Under normal conditions these containers are not dangerous. But extreme heat may build up the pressures until the can explodes like a bomb.

The big danger is in disposing of the container after the product is gone. There is always more propellant, or gas, put into the container than is needed to expel the product, so that there is adequate pressure in the can to get all of the product out. That means that there is generally some of the gas left in the can when all the product is gone.

In many cases, the *supposedly* empty can goes into the wastebasket and is eventually dumped in the incinerator. When the can hits the heat in the incinerator, the gas expands, bursting the can. The can may take off like a rocket or explode, spraying pieces of metal like shrapnel. There have been many cases of injury and sometimes death from this cause.

Most people do not take time to read instructions on things and this habit can be their undoing. *So,* read all instructions on aerosol containers and heed them. Keep them away from excessive heat such as radiators, stoves or incinerators.

Don't use flammable sprays around flame sources of any sort. In tests, spray vapor has caught fire, shooting flames 7 feet out of the mouth of the can.

Be very careful where you spray and what you spray on.

If possible, after the product has been used, bleed as much propellant from the container as you can by holding down the button. Do this in a well-ventilated area.

# Honor Roll

**July, 1964**

Ralph S. Aldrich
Plumbers & Pipers
30 Years

Charles F. Bagg
Gear Cutting
25 Years

Alphanse Turgean
Rings
25 Years

Charles Brawn
Plumbers & Pipers
25 Years

James P. Kane
Production Processing
25 Years

Arthur Massey
Packing, Shipping & Receiving
25 Years

John Sulyma
Lathe, Grinder & Camber Parts
25 Years

Jeanette Sisaian
Lathe, Grinder & Camber Parts
25 Years

Peter P. Babawitch
Large Planers
25 Years

## 30 Years

**Ernest Prunier,** Outside Maintenance

## 25 Years

**Joseph P. Kurek,** Outside Erecting

**Charles M. Stuart,** Tool Department

## 20 Years

**Robert Crossland,** Product Development

**Henry Lamontagne,** Heat Treating

## 10 Years

**Louise A. Gadbois,** Cotton & Worsted Sales—North

## 5 Years

**Laurel S. Asadoorian,** Order Administration

**Dickie D. Dease,** Outside Erecting

**Adelard Desjardins,** Lathe, Grinder & Comber Parts

**Richard R. Dumas,** Steel Fabricating & Tin Cyl.

**Rushton S. Gilbert,** Outside Erecting

**Joseph A. Marshall,** Lathe, Grinder & Comber Parts

**Gary H. Maynard,** Oil Department

**Harry C. Wentworth,** Data Processing

# News Roundup

## WHITIN NEGOTIATES LICENSING AGREEMENT WITH JAPANESE FIRM

Norman F. Garrett, President, has revealed that preliminary negotiations have been completed between Whitin International, Ltd. and Daiwa Spinning Co., Ltd. of Osaka, Japan, covering cross-licensing agreements and future technical cooperation between the two firms. Eugene M. Kennedy, President of Whitin International, Ltd. and William A. Newell, Manager, Product Planning Department, recently returned from a series of discussions with Daiwa officials in Japan.

The proposed agreements cover three principal areas of activity:

(1) Daiwa Spinning Co., Ltd. will be licensed by Whitin Machine Works to manufacture and sell certain Whitin machines in Japan and in the Far East. Manufacturing of Whitin machinery will be handled by subsidiary and affiliate firms of Daiwa.

(2) Whitin Machine Works will be licensed by Daiwa Spinning Co., Ltd. to manufacture and sell throughout the Western Hemisphere and Europe, elements of their highly advanced Daiwa Automated Spinning System (DASS).

(3) Plans will be developed to provide for the exchange of technical information and for cooperation between the two companies in the future.

Daiwa Spinning Co., Ltd. is one of the largest and most progressive textile companies in Japan being noted especially for its leadership in the area of technological development.

## PHILIP ROBERTS HARVARD GRADUATE

Philip Roberts, son of Frederick W. Roberts, Vice President and Director of Research and Development, graduated from Harvard University in June and was awarded a B.A. degree, magna cum laude. Philip has accepted a position with the Aetna Insurance Company, Hartford, Connecticut. He was married to Miss Lorraine Lipscombe, of Easton, Maryland, on June 27.

## HARVANEK STATIONED AT VIETNAM

Paul Harvanek, a Whitin apprentice graduate and automatic machine operator, has completed his training at Infantry Mechanics School at Fort Benning, Georgia and is now stationed at Vietnam.

In a letter to the PROFILE staff by Paul's mother, Mrs. Joseph Harvanek, the following comment was made:

"I am certain that it was the wonderful training Paul received at Whitin in machinery that qualified him as an instructor upon his graduation."

Paul's friends can reach him at the following address:

Pvt. Paul Harvanek RA 11431044
145th Ave. BN HHC
APO 143
San Francisco, California

Donald Adams, Wilfred Bouchard, and Louis Schaedler, of Quality Control, have received certificates from the American Society for Metals for successfully completing a course on "Heat Treatment of Ferrous and Non-Ferrous Metals" at Assumption College. The presentations were made at Whitin by Clayton W. Adams (second from the right), Vice President and Manufacturing Manager

## Arnold M. Varner Appointed Research Director at Whitin

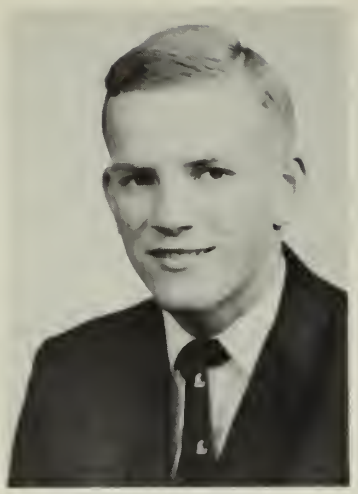
Mr. Arnold M. Varner of Riverside, Conn., has been appointed Director of Research at the Whitin Machine Works and assumed his new duties on August 3rd. The announcement was made by Mr. Frederick W. Roberts, Vice President, Research and Development, for the company. Mr. Varner succeeds Mr. William C. Menzies, Jr. who resigned in May to become Vice President of Amicale Trading Co.

Mr. Varner was graduated in 1947 from M.I.T. with a B.S. degree in Chemical Engineering. A specialist in the field of plastics engineering, his industrial experience includes service with the Pure Oil Co., several divisions of the General Electric Co. and the Chicago Molded Products Co. In July 1958 he joined the Standard Packaging Corp., Closure Division, Chicago, Illinois and in 1959 was transferred to that company's New York office as Technical Director of the Corporation, serving in this capacity until the present time.

Mr. Varner interrupted his schooling to serve as a sergeant with the U.S. Army Air Corps in the C.B.I. theater from 1943–1945.

He is a member of many technical and professional groups including Society of Plastics Engineers, American Chemical Society, American Management Association and the Technical Association of the Pulp and Paper Industries.

With his wife and three children, Mr. Varner currently makes his home in Riverside, Conn., but anticipates moving into the Whitinsville area in the near future.



J. Richard Conlee, son of Richard Conlee of the Research and Development Division, is planning a career in teaching. He was awarded the Northbridge Citizens Scholarship when he graduated from Northbridge High School in June. He will attend Worcester Junior College in the fall

## Richard Currie Debates on Tour of the British Isles

Richard N. Currie, son of Hugh R. Currie of the Production Department, recently returned from a debating tour of the British Isles. Richard has just completed his junior year at McGill University, Montreal, Canada, where he is majoring in Political Science and History.

Richard was one of a two-man debating team sent on the tour of the British Isles. He was the winner of a tournament at McGill University which determined the membership of this team which is chosen to tour the British Isles every three years.

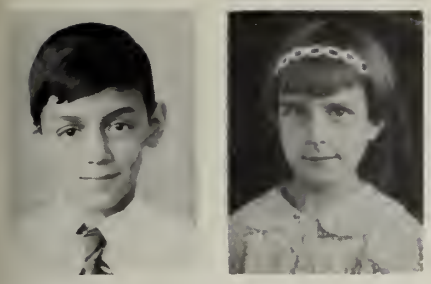
Their first scheduled stop was Dublin, Ireland where they opened their schedule of twelve debates at the Literary and Historical Society of University College, Dublin. From Ireland they flew across the Irish Sea to Scotland and motored to St. Andrew's on the North Sea coast. There, in the same hall where Rudyard Kipling once debated they shouted to be heard above a fierce storm. "Evidently," Richard said, "we were the loudest because the Scots divided at evening's end in our favor."

Edinburgh and Glasgow concluded the Scottish leg of the tour with a broadcast on the Scottish Home Service from Edinburgh while there, and a twelve-hour Parliamentary debate on Religion in the Schools while in Glasgow. Richard and his teammate also visited Liverpool, Manchester, Sheffield and Birmingham, England. "To debate," said Richard, "with these very politically conscious students is quite an experience. Since many of our topics were concerned with International Law and Politics we found not just our method and points challenged, but even our basic ideas. It was most impressive to discover that much of what we feel in America is shared by others . . . and that similarly, much that inspires them likewise serves as inspiration to us." The two debaters also visited Cardiff where they debated at the University of Cardiff.

Under the busts of Asquith, Disraeli and Gladstone they debated the question of the British Commonwealth of Nations in present world politics with the members of the Oxford Union Society. Later in the week at Cambridge they returned to the question of South Africa and her racial policies. Both of these long-established universities offered a gracious hospitality, but the intensity of some of the debates in other universities was missing, though at Oxford admittedly they did find a certain political energy. The final, and most interesting debate was held in the William Beveridge Hall, London, under the auspices of the University of London. Joining with the Honourable Jeremy Thorpe, Member of Parliament (Liberal), Richard debated the shadow Minister of Defense, Honourable Dennis Healy, Member of Parliament (Labour) and his colleague from McGill. "The resolution was concerned with the forthcoming British elections and offered much opportunity for me to visit Parliament and meet some of the better known politicians in their own environment," said Richard.

Richard N. Currie

## WHAT'S WRONG WITH THIS PICTURE ?



MYSTERY PHOTO—In July, on the left, it was Nelson Bartlett, of the Wood Pattern Shop. On the right is a mystery photo for the women to identify

Thus, after traveling throughout the British Isles for nearly a month, Richard and his colleague returned to Montreal having been defeated by their British hosts but twice in twelve encounters. Far more important, according to Richard however, was the greatly increased understanding of the British students and the ideas that challenge them.

This summer Richard is working as a news writer for the ABC Network in New York. He has spent his past summers working in Radio and Television news,—two years apiece with the Canadian Broadcasting Corporation and the Columbia Broadcasting System and lesser stays with the Marconi Broadcasting Service and several stations in the United States.

**DENNIS THE MENACE**
**Hank Ketcham**

## *10 EMPLOYEES RETIRE*

Andrew D. McKaig, 44 years

James B. Scott, 43 years

Eli J. Bruso, 36 years

Roland H. Philbrook, 30 years

Howard F. Barnett, 23 years

Joseph F. Latraverse, 21 years

Margaret Asadoorian, 21 years

George E. Steiner, 20 years

Ralph M. Anderson, 15 years

Elzear Beaudreau, 9 years

## MARRIAGES and ENGAGEMENTS

Miss Dorothy A. Strachan became the bride of Warren L. Winslow, Saturday, June 13 in the First Congregational Church, Upton, Mass. The reception was in the church vestry.

The bride is the daughter of Mr. and Mrs. John D. Strachan of 3 Plain Street, Upton. Her husband is the son of Mr. and Mrs. Ralph H. Winslow of 5 Mountain Avenue, Ayer, Mass.

The bride was graduated from Northbridge High School and Worcester State Teachers College. She will teach in the Westford School System in the fall.

Her husband was graduated from Ayer High School, Ayer, and received his Bachelor of Science Degree in Education from Worcester State Teachers College. He is a teacher in the Westford School System.

After a wedding trip to Maine and New Hampshire, Mr. and Mrs. Winslow will reside at 169 Mill Street, Littleton.

## In Memoriam

Charles T. Noble, 70, died July 12. He was a repair clerk for 50 years at Whitin before retiring two years ago.

Raymond P. Chaharyn, 37, died July 17. He was employed in Whitin's Research and Development Division.

Adolph Morin, 81, died June 24. He was a Whitin machinist for 50 years before retiring in 1955.

James E. Orrell, 62, died June 5. He was a senior products engineer at Whitin and was employed here for 25 years.

Horace Bassett, 71, died June 5. He was a toolmaker at Whitin for the past 14 years. He was a former assistant manager of the Blue Eagle Inn and was a veteran of World War I.

Herbert Hammond, 58, died July 26. He was a machinist for the past 39 years.

Joseph M. Bouvier, 94, died July 22. Before retiring in 1952, he was an erector and road man for 64 years.

Frederick K. Pope, 74, died July 22. He was a desk clerk at the Blue Eagle Inn.

Mrs. Mary A. Dorsey, mother of Eleanor Dorsey of the Industrial Relations Department, died July 21. She had a 42-year career in clerical positions with tho Second District Court.

Emelien C. Peloquin, 57, died July 22. He retired from Whitin seven years ago

Raymond E. Achorn, died June 20. He was an order clerk in the Production Department prior to his retirement three years ago, and had been with Whitin for 28 years.

Joseph Beauchemin, 64, died June 22. He was employed in the Steel Fabricating Department and had been with Whitin since 1955.

Clarence L. Sanders, 71, died June 21. He was a former employee and had been a patient in the Bedford Veterans Hospital for the past 24 years.

Stanley H. Gucfa, 63, died June 23. He was an employee at Whitin for the past eight years.

Maurice J. Patterson, 43, died June 8. He was a lifelong resident of Whitinsville and was employed as a stock room attendant at Whitin for 23 years.

James P. Kane, 71, died June 3. He had ben employed at Whitin for 43 years and was a foreman in the Maintenance Department before retiring 14 years ago.

George A. Vear, 45, died June 22. He was an assembler at Whitin and had been employed here for 23 years.

Alexander Richard, 88, died July 10. He was a Whitin employee for five years before moving to California.

# DON'T RUB IT!

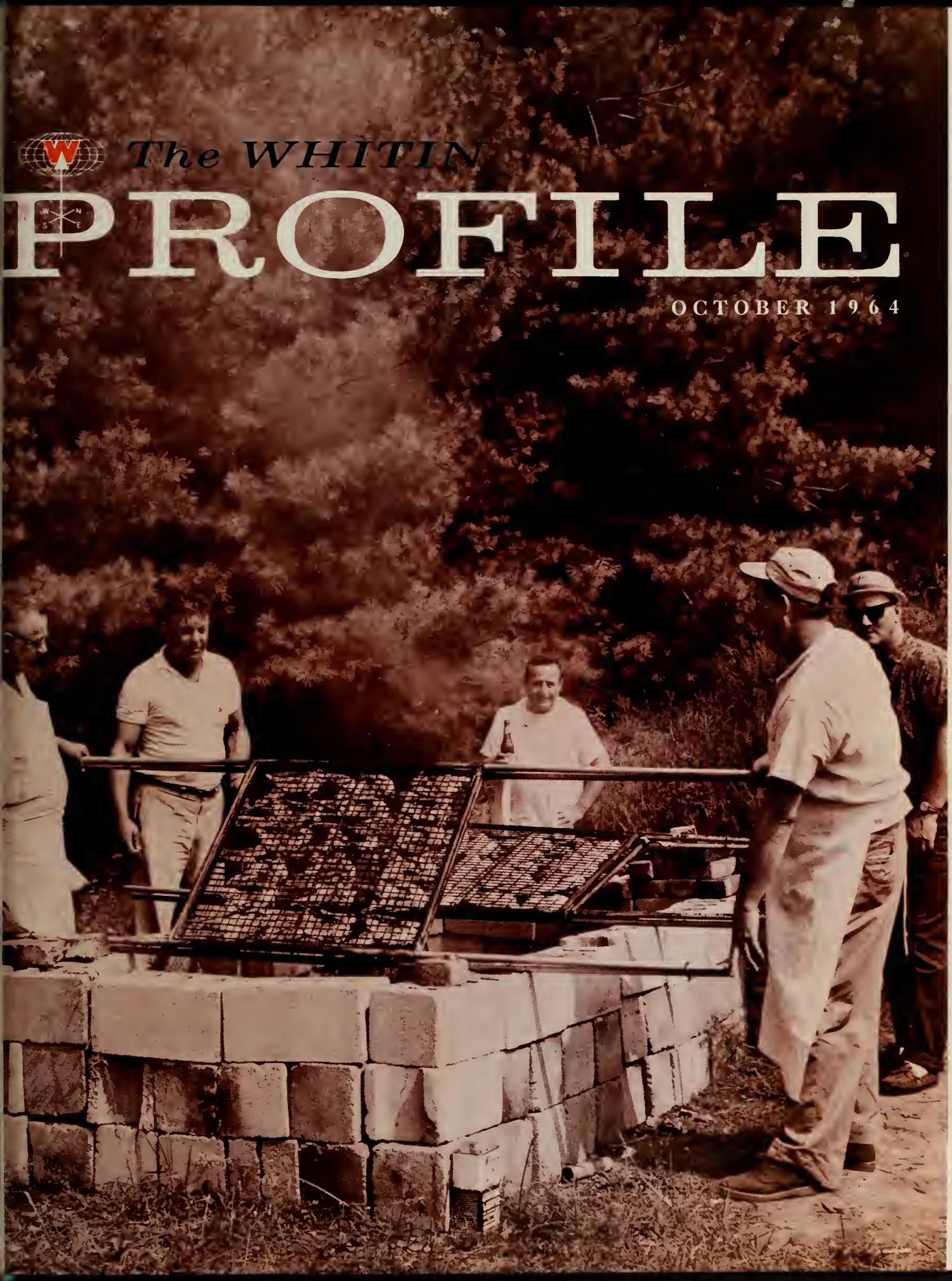
if you get something in your eye

**GET FIRST AID**

**RUBBING WILL MAKE IT WORSE!**

# The WHITIN PROFILE

OCTOBER 1964



*The WHITIN*
# PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

**OCTOBER, 1964**
Vol. XVII, No. 10

NORMAN A. WRIGHT . . . . . *Editor*
LAWRENCE M. KEELER . . . *Associate Editor*
G. F. MCROBERTS . . . . *Contributing Editor*
MALCOLM PEARSON . . . *Plant Photographer*

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Printed in U.S.A.

## WHAT THEY WANT

The real aim of any company's sales program is to market products that its customers want at a realistic and fair price.

One major American company believes so strongly in this that it has placed on the desk of each of its executives a little plaque inscribed, "Give them what they want." The company isn't interested in what the executives THINK the customers want; they're supposed to KNOW.

Whether the customers are buying automobiles or yarn, sailboats or shirts, box cars or cloth, they all want quality—a product that will do a specific job and hold up in the process of doing it.

The textile industry has progressed for more than 170 years because of its ability to give its customers what they want. It has become a major industry because it is able to do more than barely satisfy man's need for shelter and clothing. It is a great industry because it knows the value of quality.

Every person in the industry, regardless of his job, has a hand in the preservation of that reputation.

## WHITIN PERSONALITY

LAURENCE T. ADAMS, Foreman of the General Machining Department, for two years participated in six major Pacific Campaigns—New Guinea, Southern Philippines, Northern Solomons, Bismarck Archipelago, Luzon and Air Offensive Japan, during World War II.

Larry was born in Uxbridge on February 13, 1923 and graduated from Uxbridge High School in 1940. For three years, after school hours, Larry worked at Elmwood Farms making ice cream. He started working in the Production Department of the Whitin Machine Works in 1941 as a clerk and advanced to expediter before enlisting in the Army Air Corps in October 1942. After receiving his discharge from the Service in 1945 he attended Hill College in Woonsocket for a year studying accounting, advertising, law, and English.

In 1946 he worked in Albany, New York for the Empire Furnace Installation and Piping Company. He returned to Whitin in 1947 as an inspector on the Spindle Job. Here he supervised inspection and quality control until 1958. From then until 1963, he was a divisional supervisor of inspection and quality control in seven manufacturing departments. For the last two years, he has been foreman of the General Machining Department where 45 men work at cutting cams, operating grinders, lathes, drills, boring machines, honing, grit and vapor blast, dynamic balancing and sub-assemblies.

From 1950 through 1960 he completed extension courses in machine design at Rhode Island School of Design; quality control management at Northeastern University; motion and time study at Worcester Junior College. In addition, he has completed special industrial courses at Worcester Polytechnic Institute, a Dale Carnegie Course on human relations, and a course on vocational training and techniques of supervision.

He married the former Lucille Mousette of Woonsocket in 1946. They have two sons attending Northbridge Junior High School, David, 14, and Daniel, 13.

In his spare time, Larry enjoys hiking and camping with young people. He is particularly active in the affairs of the Nazarene Church in Uxbridge. His latest hobby is golf which he started this year.

Two years ago Larry and his family moved from Uxbridge and now reside at 9 Forest Street, Whitinsville.

FRONT COVER: A chicken barbecue is popular at most any outing. This one was being prepared for those who attended the annual Field Day sponsored by the Whitinsville Fish & Game Club and the Blackstone Valley Beagle Club on August 30. Pictured from the left are Dick Bosma, Ray Greene, H. O'Rourke, Truman Pierce and Lindsey Harding.

WHITINSVILLE SOCIAL LIBRARY
WHITINSVILLE, MASS.

Señor Ibrahim Jafet,
Director-President of Fiacoo "Nice"
Sociedade Anonima

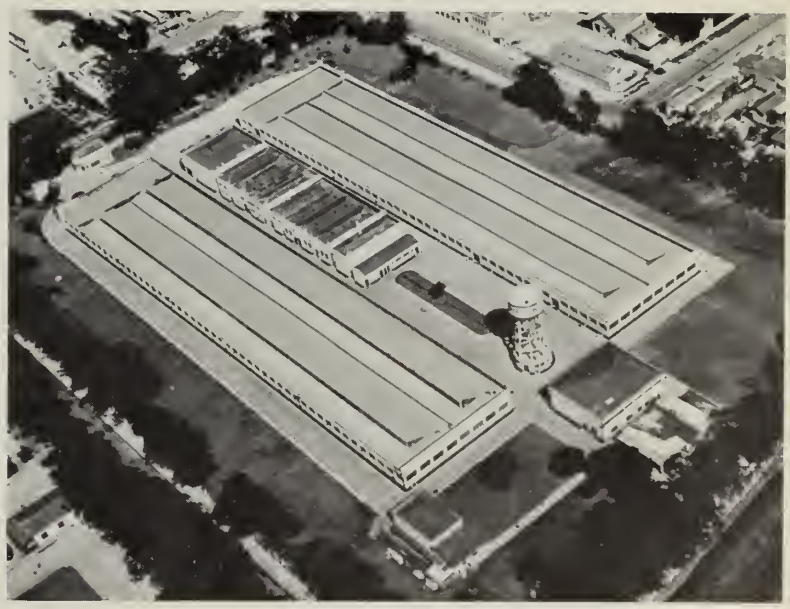
# Astute Brazilian Textile Leader Chooses Whitin Machinery

SAO PAULO, BRAZIL, one of the fastest-growing cities in the world, is the home of Fiacao "Nice" Sociedade Anonima. This is one of the most progressive mill organizations in South America, now operating two mills for the production of high quality cotton sales yarn. The organization is headed by Señor Ibrahim Jafet, Director-President. Señor Jafet is well known in the textile industry of Brazil and South America for his leadership and the quality of the goods produced by his organization. He has a reputation for being personally conversant with the managerial and mechanical details of operations in his mills.

In the steady growth of his organization, Señor Jafet has purchased large quantities of machinery from the Whitin Machine Works and has consulted with the Research and Service personnel of Whitin to assist him in securing the best available machinery which would permit him to produce the high quality yarns that the critical market requires.

Fiacao "Nice" Sociedade Anonima employs approximately 460 people in Mill No. 1 and Mill No. 2. The first mill was completed in 1952 and contains a substantial quantity of Whitin equipment: opening and picking, carding lappers, combers, drawing, roving and spinning.

As a result of his excellent experience with Whitin, Señor Jafet came to the conclusion that he would equip his new mill with Whitin equipment in its entirety. This new mill, No. 2, was begun in 1962 and the building completed in 1963. The machinery is being installed at the mill as rapidly as appropriate licenses and permits can be secured from the Government of Brazil by Fiacao "Nice" Sociedade Anonima. The equipment for this mill includes opening, picking and carding, Accu-Draft Drawing which runs up to 800 feet per minute, Super Lap machines, J7 high speed Combers, and Scotsman Roving frames, 12 x 5″ bobbin, 8″ gauge. The spinning consists of 45 Whitin Model N frames, 400 spindles each, 3″ gauge, 1⅞″ diameter ring and 9″ traverse. Processing 60's/2 yarn, Señor Jafet has ordered 5 Whitin Model NT Dry Twisters, 336 spindles, 3½″ gauge, 2¼″ diameter ring, 11″ traverse.



Aeriol view of Fiocao "Nice" Sociedode Anonimo Mill No. 1 and Mill No. 2

Aerial view of the center of Sao Paula, Brazil

In addition to his satisfaction with the high quality yarns produced by Whitin equipment, Señor Jafet is particularly pleased with the simplicity of the machinery and the relative ease with which new employees can be taught to operate it in an efficient manner. In expanding economies such as Brazil's, this is a particularly important machinery characteristic. Machinery simplicity results in higher operating efficiency, lower maintenance costs, and reduced expense for replacement and repairs.

Sao Paulo is not only one of the most modern and beautiful cities in Brazil, it is also one of the most progressive and attractive cities in South America. It has a population of more than two million people and is the most important industrial center in the western hemisphere south of the United States.

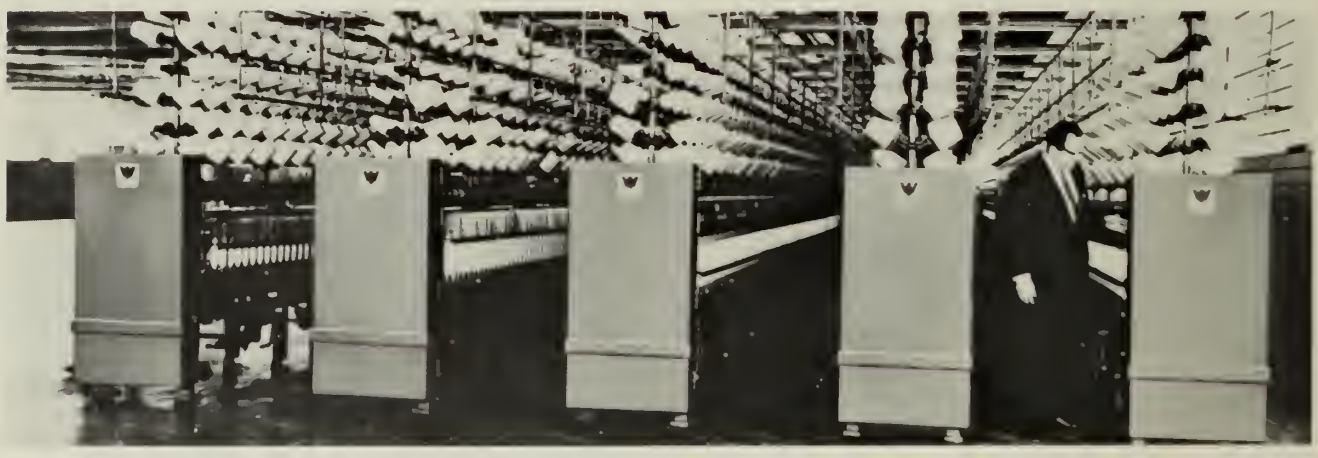
Brazil is the largest country in South America and the fourth largest country in the world. It covers almost as much territory as the entire continent of Europe.

It ranks first among Latin-American countries in natural resources and industries, produces more coffee than any other country in the world, and is one of the world's largest growers of corn and cotton.

Its textile plants produce cotton, woolen, linen, silk, jute, and hemp goods, about 27 per cent of the country's industrial production.

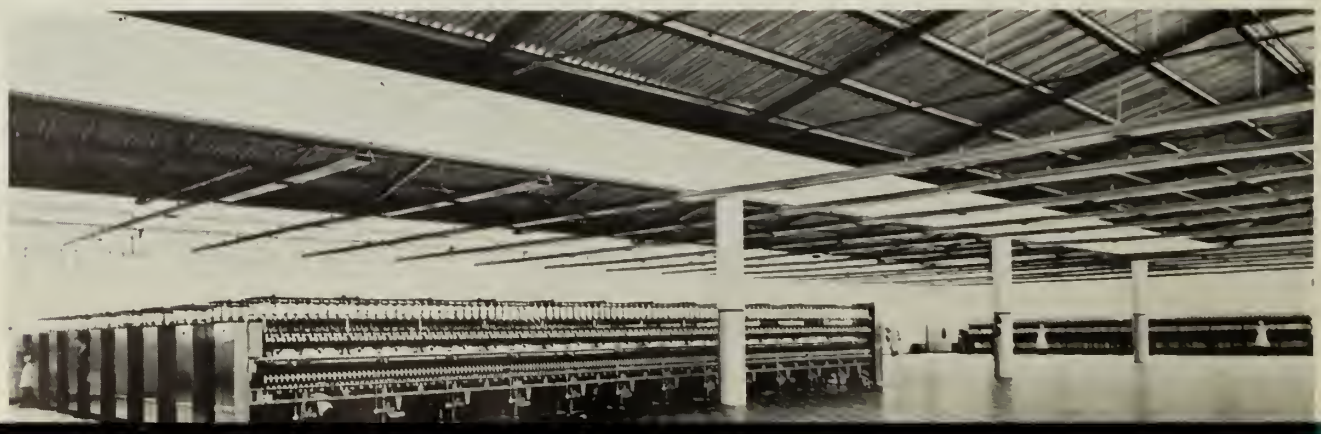
Brazil has a republic type of government and its president is elected for a five-year term by popular vote. Its constitution is modeled on that of the United States.

The Whitin Machine Works is proud to be an associate of Señor Jafet in this vigorous expansion of his organization and looks forward to continued successful cooperation as the progressive Fiacao "Nice" Sociedade Anonima grows with the future of Brazil.



Director-President Jafet inspecting yarn on one of the five new Whitin NT Twisters in Mill No. 2

Side view of nine Whitin Model N Spinning Frames in the new No. 2 Mill



Ultra-modern mills are surrounded by attractively landscaped grounds

FIAÇÃO "NICE" SOCIEDADE ANÔNIMA
FIAÇÃO ULTRA MODERNA DE ALGODÃO PENTEADO

nice
SÍMBOLO DE ORGANIZAÇÃO

AVENIDA GOIAS, 2769
TELS. 42 2455-42 2556-42 1035 (REDE INTERNA)
SÃO CAETANO DO SUL - EST. S PAULO
BRASIL

CAIXA POSTAL 12.318 (IPIRANGA)
SÃO PAULO
END. TELEGRAFICO "NICE"
CÓDIGO RIBEIRO

VIA AEREA

PARA RESPOSTA QUEIRAM CITAR
NOSSO Nº O/5322

São Caetano do Sul, August 26, 1964

Mr. Eugene M. Kennedy, President
Whitin International Limited
Whitinsville, Massachusetts - USA

Dear Gene:

The spectacular results we have obtained from the very first minute we started our new Model "N" Spinning and Model "NT" Twisters, not to mention the other equipment, have prompted me to review what I consider a magnificent relationship with Whitin. Ever since our first installation in 1948, we have had excellent results on all our Whitin Equipment.

As you know, I am determined to have the most modern and efficient mill in Brazil and I feel that Whitin has made a great contribution toward achieving this goal.

My Whitin Equipment is easy to maintain and continues to produce on a 24-hour basis the very finest quality of yarn. I am particularly proud of my Whitin UNITROL drafting system.

I also prize highly the personal relationships I have with the management of Whitin and I look forward to many years of continued pleasant association.

IJ/ID

c.c. Cont.
c.c. IJ
c.c. Eduard Seelig

Yours sincerely

FIAÇÃO "NICE" SOCIEDADE ANÔNIMA

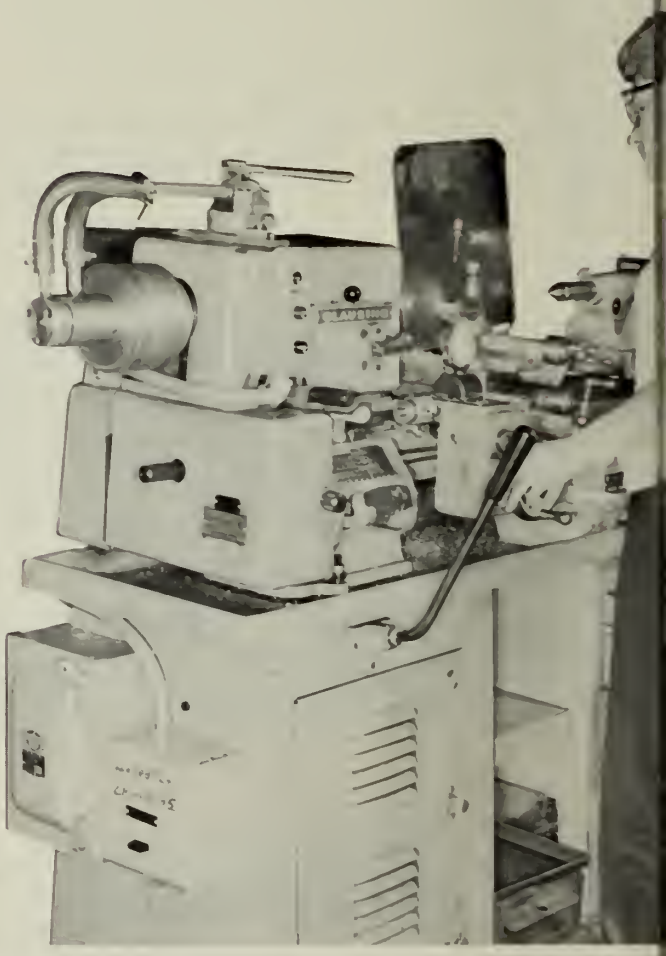
IBRAHIM JAFET - DIRETOR PRESIDENTE

# TRANSFER OF FOSTER OPERATIONS COMPLETED

The final phase of transferring the operations of the Foster Machine Company, Whitin subsidiary, from Westfield, Massachusetts to the Whitinsville Division has been successfully completed.

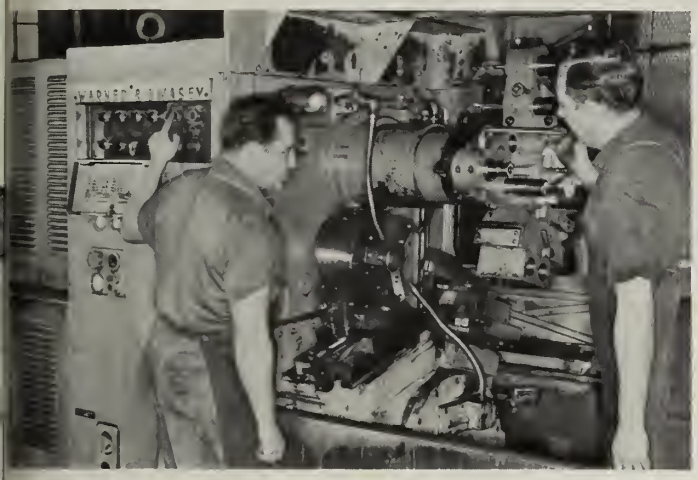
More than 150 machine tools were transferred from Foster and relocated in various manufacturing departments throughout the plant during the three-week July vacation period. These machines, which are now a part of our production line, include special cam cutters, millers, drills, band saws, lathes, grinders, borematics, gear shapers, polishing machines, welders, riveting machines, arbor presses, jig borers, benders and many others including wood working machines.

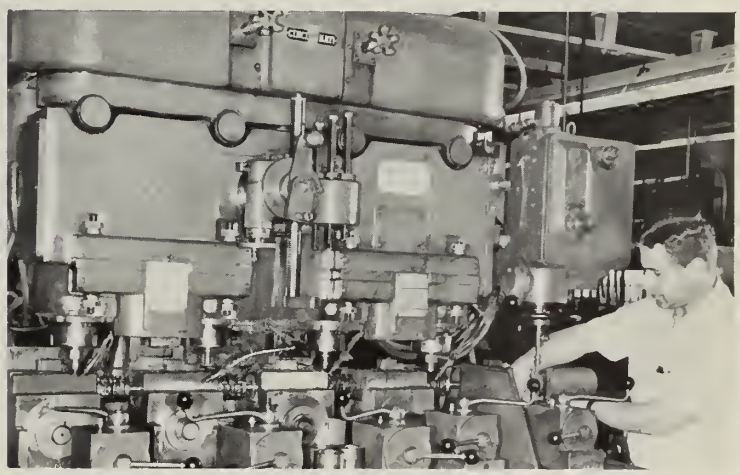
While some of these machines are already tooled for manufacturing Foster winder parts, others of late vintage will replace older general purpose machines at Whitin, resulting in improved quality of work and increased production in the areas in which they are located. The value of these machines is in excess of one-half million dollars.



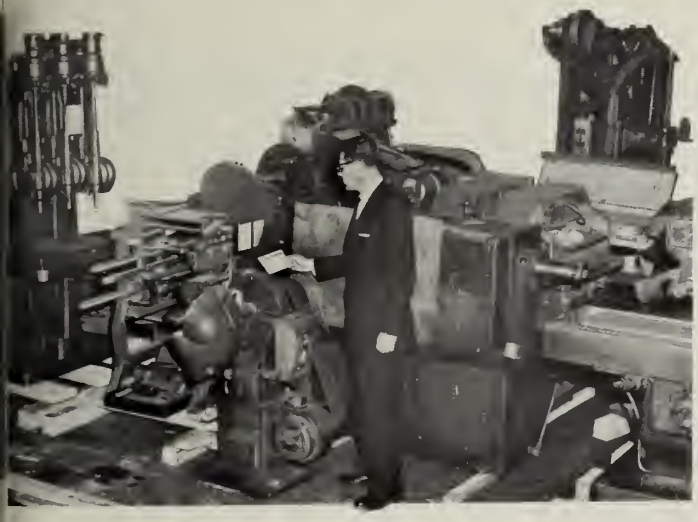
LEFT: Roger Langlais, toolmaker on the Tool Job, is using a jig borer from Foster which will hold to .0001". The Tool Department also has received three millers and a belt sander. RIGHT: Beatrice Winchell is using one of two bench lathes installed in the Lathe and Grinder Department. Two larger lathes and a Centerless Grinder were also installed. While the grinder will be used mostly for Foster winder work other machines will be used for general purposes and will replace older machines moved out of the department

Robert Anderson, of Department 427, is shown operating a tape controlled which drills, taps, bores and mills. Seven other special purpose machine tools Foster have also been installed in this department. Some will be used only for winder work. RIGHT: A variety of milling machines were also transferred from Foster to the Whitinsville Division. Shown operating some of these on the Milling Job are Pat Criasia, Norman Sutherland, and Clifford Mason. Twelve other horizontal, vertical, special and duplex milling machines from Foster will be used for manufacturing winder and Whitin parts

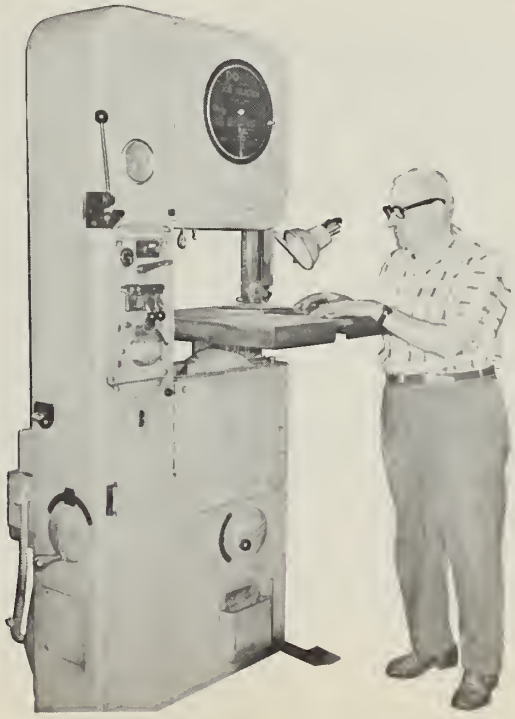




Gerard Poliquin and Robert Conlee, of the Automatic Chucking Department, setting up one of two automatic turret lathes received from the Foster Machine pany. Both men spent a week at the Warner Swasey plant, Cleveland, Ohio, ing how to set up and operate this machine. Also installed in this department three Heald Borematics and two Jones and Lamson Turret Lathes. These machines, which will be used for general purpose manufacturing, will increase production, produce more economically and with greater precision than the two machines which were replaced. RIGHT: Frank Budnick, of the Methods Department, is pictured on the Ring Job setting up the master cam on a special vertical miller which will cut four cams at the same time. It will be used especially for cutting cams for Foster Winders



Larsen, of the Purchasing Department, disposes of machine tools which Whitin eplaced with more modern equipment. The machines which are still usable are hipped to our subsidiaries, sold to other companies or secondhand dealers



William Ferland, of the Metal Pattern Job, is using a DoAll Band Saw which was brought from Foster. This machine, which replaced a small band saw, is faster and easier to operate. An Automatic Filer also installed in this department will eliminate considerable hand work

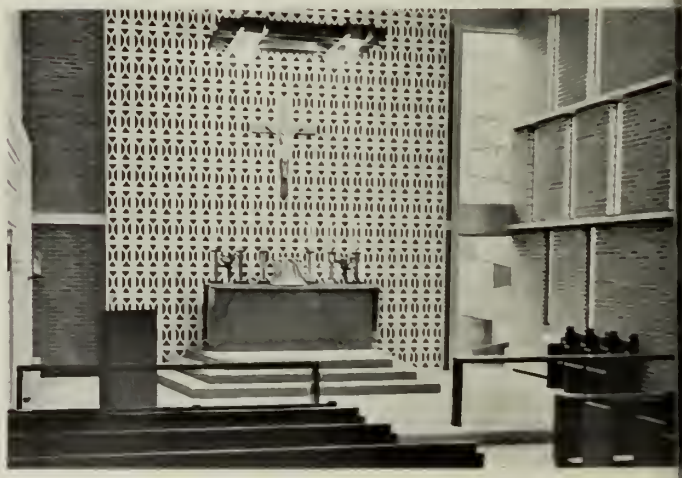
# ST. CAMILLUS HOSPIT

Now that the 48-bed St. Camillus Hospital has been dedicated, its facilities will be used by men afflicted with multiple sclerosis, cerebral palsy, Parkinson's disease, muscular dystrophy, chronic and incurable heart ailments, cancer, leukemia, cerebral hemorrhage, and other chronic diseases. Alcoholic or mental cases will not be accepted.

The institution, which is the first of its type in Worcester County, has the following facilities available: hydrotherapy, physiotherapy, radiology department, dental operatory, recreational occupational therapy, doctor's examining room and treatment room, drug room, social service, laboratory, medical records and chapel.

The hospital is so equipped that only limited maintenance is required. All equipment including

PHOTOS LEFT TO RIGHT—1. Carol, daughter of Joseph Thibeault of the Gear Jab, is taking dictation from the Administrator of the hospital, Rev. F. H. Andersan. The painting in the background is an original painted in the Swiss Alps by a personal friend of the Administrator



2. The Chapel, situated an the secand flaar off the patients' corridor, will se worshippers. The pews, altar rail, lectern, crucifix, conopy, confessional are Formica. The altar is made af Cannecticut pink granite. Gald carpeting the complete sanctuary. The windaws are amber varying from very light to

Exterior of St. Comillus Hospitol, Hill Street, Whitinsville

# new dimension in nursing

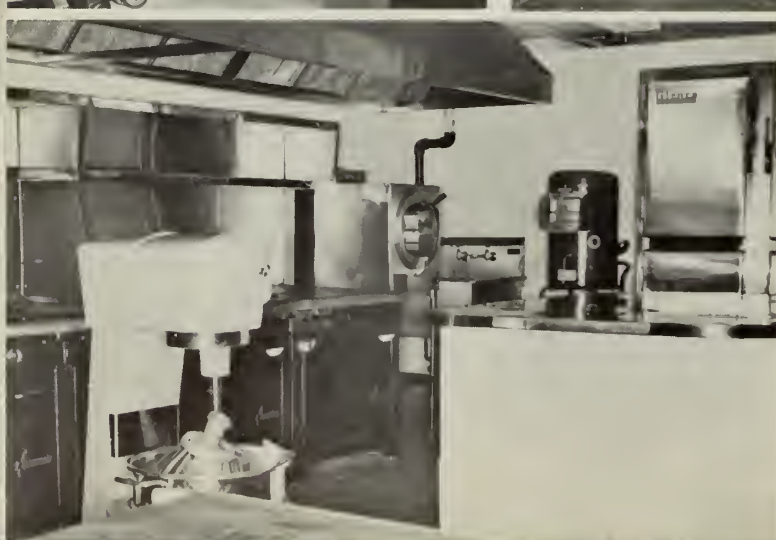
cabinets, beds, over-bed tables, and night stands are in Nevamar Kola Teak Formica in a walnut pattern. Stainless steel and aluminum were used where Formica was not practical. Also made of aluminum are the attractive window drapes, which accentuate the decor of each room.

The major endeavor of the hospital is to rehabilitate. It is staffed by priests and brothers of the nursing order of St. Camillus and will employ male and female registered nurses, practical nurses and attendants.

The Bayer-Mingolla Construction Company of Millbury started construction of the new hospital in January, 1963 on land adjacent to the E. Kent Swift house on Hill Street, Whitinsville. The institution was dedicated on July 19, 1964.

s is a typical four-bed ward. Each bed is equipped with a nurse's call system allows a patient to make known his needs by simply talking from his bed. ce is picked up at the nurses' station by the nurses or ward secretary. Telephone outlets have been installed for each bed

4. Fred Demars, an employee in Whitin's Packing Department, pointed the murals in the lobby and reception rooms of the hospital. In this original pointing, Fred has tried to capture the natural beauty of the area surrounding the institution. Fred will, at a later date, paint an extensive mural in the corridor of the first floor



PHOTOS LEFT TO RIGHT—TOP TO BOTTOM—1. Patients' Day Room, in a bright yellow and orange decor, overlooks the patients' patio. This room will be equipped with a card table, organ and various movable games which will be used by the patients as well as visitors

2. This is a small section of a large Occupational Recreational Therapy Department. Here the patients will learn certain activities of daily living, will play games, do art work and craft work. Available in this room are such items as ping pong tables, a library, equipment for making ceramics, looms, printing and duplicating equipment, a complete radio receiving and sending set, fly-tying equipment and many others

3. A modern laboratory is equipped to perform routine laboratory procedures when needed

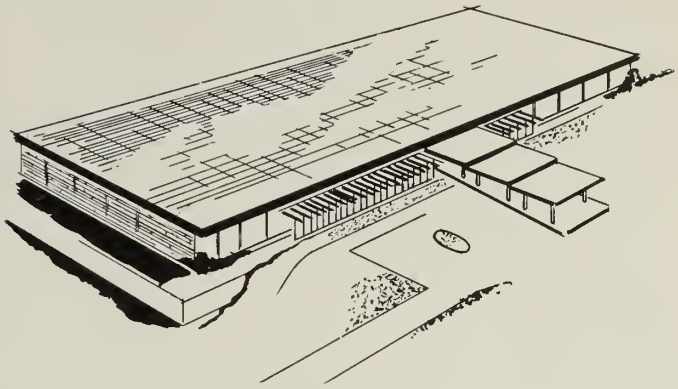
4. Radiology Department

5. A very modern all electric operating room table and other equipment have been installed for minor surgical procedures and treatments given to the patient by the doctors who staff the institution. A defribulator used in cardiac arrest is available

6. Barber Shop 7. Dental Operatory

8. To assure nourishing and proper diets for all patients and employees a new compact stainless steel kitchen has been installed

# Whitin to Stage Major Exhibit at Greenville



WHITIN has prepared a major exhibit for the 23rd Southern Textile Exposition at Greenville, N.C., October 12 through the 16th.

"We plan to enter this Exposition," John H. Bolton, Jr., Vice President, Marketing, stated, "with a larger collection of advanced machinery than we have ever attempted to display at any previous Southern Textile Exposition."

Whitin will use two booths to demonstrate its new machinery and a third booth to display its latest developments in changeovers, repair and replacement items and accessories.

These combined areas represent over 4500 square feet of display space, quite possibly making Whitin the largest single exhibitor in the show. Sales personnel, product managers, engineers and company officials from each branch office and division will be in attendance to demonstrate and describe the new equipment to customers and visitors.

To supplement the machines pictured, Whitin will also exhibit the latest models of additional machines:

### THE WHITIN AERODYNAMIC CARD

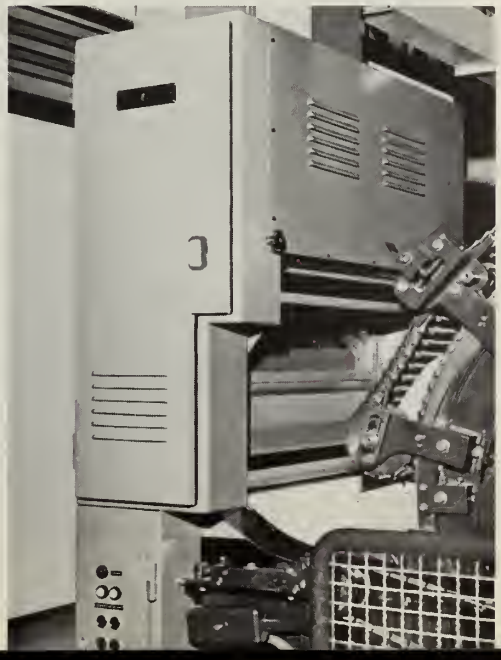
The new Whitin Aerodynamic Card is truly a high-production card. The successful application of known aerodynamic principles which it embodies, into the fast, effective and efficient transfer of fibers during the carding operation, is the result of several years of intensive and costly research.

Designed to operate at productions of up to 85 lbs. per hour, it will drastically reduce power and maintenance costs and cut over-all mill floor space requirements by 75 per cent.

### ACCU-DRAFT DRAWING FRAME

The high-speed, two-delivery Whitin Accu-Draft Drawing frame, which runs up to 800 feet per minute, is now equipped with a dramatic new arrangement of specially designed steel rolls which crush and remove trash as the cotton passes between them. The application of these crush rolls results in improved spinning operations, cleaner yarn and finished fabric and the upgraded appearance of the fabric.

Trutzschler 3-Station Multi-Bale Plucker



Chute Feed which delivers stock to Aerodynamic Card

### MODEL N2 SPINNING FRAME

The 36-spindle, 3½ gauge Model N2 Spinning demonstration frame will be operating at spindle speeds of approximately 14,500 rpm.

The "N2" frame is a new ruggedly built frame with a smartly designed headend and trim frame contours enhanced by panel enclosed spindle rails. Introduced within the past year, this efficient new model has already won rapid mill acceptance.

### TRUTZSCHLER OPENING AND CLEANING EQUIPMENT

In the main booth, in addition to the Multi-Bale Plucker and Chute Feed pictured, there will also be an outstanding display of other Trutzschler Opening and Cleaning equipment demonstrating the continuous processing of cotton from the bale through carding. The entire operation of the installation is directed from a single control panel.

Among the outstanding new features of some of the new machines shown on these pages are the following:

### THE MODEL J7B COMBER

The Model J7B is the latest in a long line of traditionally fine Whitin eight-delivery combers. While maintaining most of its excellent basic features, it also incorporates many improvements such as new detaching rolls and drive and larger capacity twin-coilers, enabling it to attain very fast operating speeds of up to 225 nips per minute and the resulting high-production of top quality sliver.

### THE SCOTSMAN ROVING FRAME

This smartly styled and highly efficient new model roving frame has achieved remarkable sales success since its introduction during the past year. It produces top quality roving, on uniform packages, at flyer speeds of up to 950 rpm.

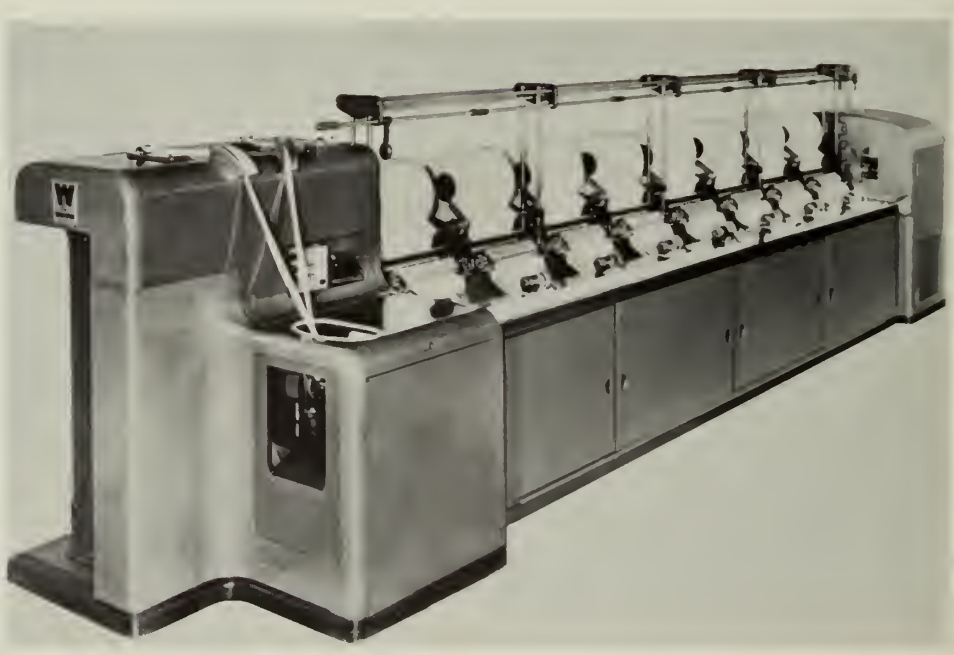
### THE WHITIN SPIRASPEED WOOL SPINNING FRAME

Higher front roll speeds, fewer ends down, greatly increased production are the major advantages of the "balloonless" spinning obtainable with the new Whitin SpiraSpeed Wool Spinning Frame.

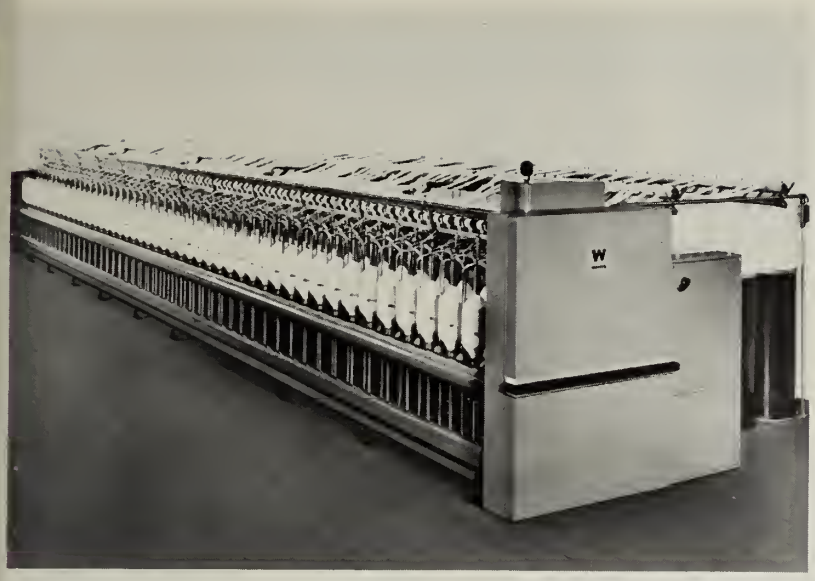
### THE FOSTER-MULLER WINDER

The Automat Winder, which attracted so much favorable international attention at the 1963 Hanover Exhibition, is fully automatic in operation, from the placement of supply bobbins onto their spindles, through the ingenious knotting device and onto the winding of the cone itself. Upon reaching a predetermined cone size, a control mechanism stops the unit, flashes a signal light and is then ready for manual doffing.

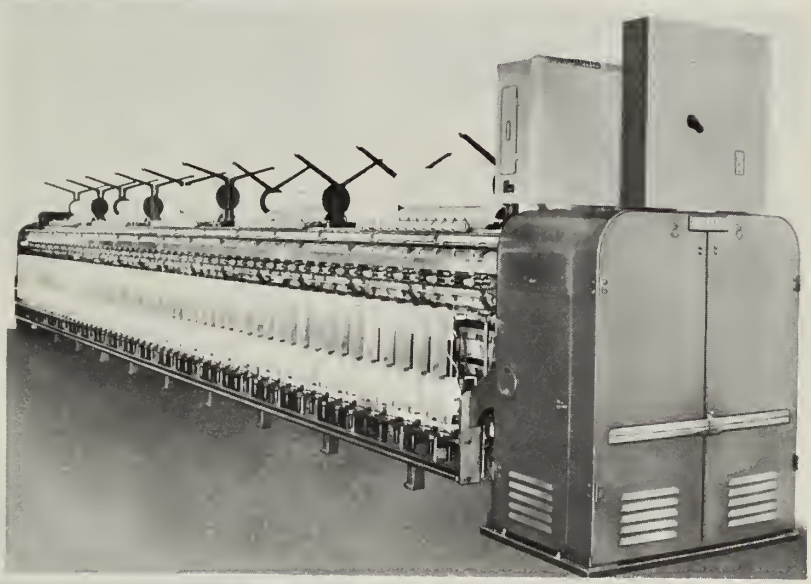
The high winding speeds, short knotting cycle, efficient loading and minimum maintenance assure Automat users of the lowest cost-per-pound winding now available.



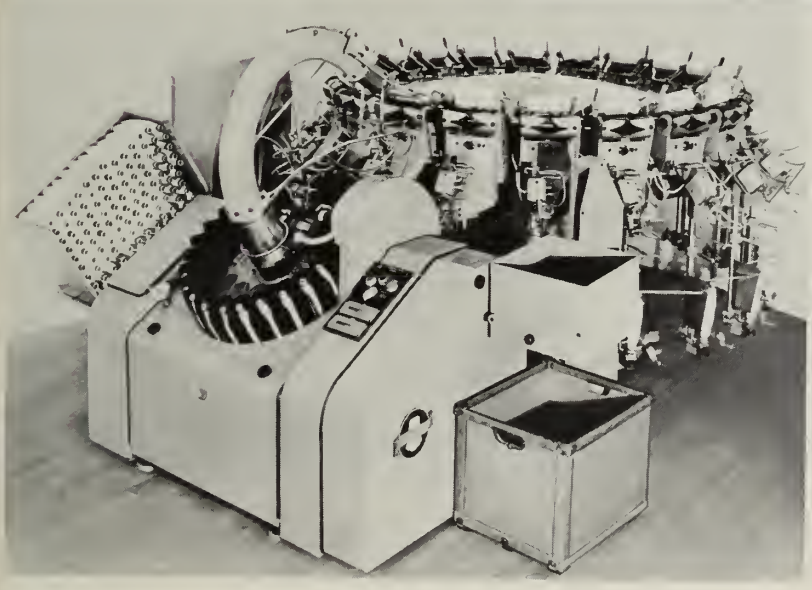
Model J7B Comber resembles this J7 in general appearance



Scotsman Roving Frame



Whitin SpiraSpeed Wool Spinning Frame



Foster-Muller Automat Cone Winder

# News Roundup

## Vice President Named by Whitin Machine Works

The election of John G. Reed as Vice President and General Manager of the Whitinsville Division was announced September 10 by Whitin Machine Works President, Norman F. Garrett. Mr. Reed will assume supervisory responsibility over all textile machinery lines.

Mr. Garrett said, "The addition of Reed will greatly strengthen the Manufacturing, Marketing, and Research and Development functions of the Division and integrate them under strong leadership."

Mr. Reed, who is 45 years old, graduated in Mechanical Engineering from Bridgeport Engineering Institute. He has had a broad background in the industrial and management fields, having been associated in positions of responsibility with Singer Manufacturing, General Electric, Browne & Sharpe, and National Ring Traveler Co.

In 1962 he became Vice President, Manufacturing of the Homelite Division of Textron, Inc., after serving from 1957 as Assistant to the Vice President of Manufacturing and Divisional Plant Manager.

In World War II he was a lieutenant in the United States Army Air Force serving in China.

Mr. Reed is married and has two children.

## Mill Official Praises Scotsman's Performance

The Clinton-Lydia Mills, Clinton, South Carolina, recently purchased twelve new Whitin Model "J" Scotsman Roving Frames for their Clinton Plant.

Manufacturing Vice President J. B. Templeton made this comment about the Whitin machines:

"These frames were purchased after extensive testing and evaluation. They

The winner of the Whitinsville Golf Club Junior Championship Trophy in August was 16-year-old Stephen Ramasca. The runner-up was Arthur Braadhurst, Jr., 17. Pictured above with their sons are Victor Ramasca, on the left, and Arthur Braadhurst on the right. Howard Cook, center, was Chairman of the Junior Tournament. The trophies were presented by Curtis M. Carr and Douglas S. Carr, both of whom have been winners of the Whitinsville Golf Club Championship several times

This model of a woolen mill, assembled by the Technical Publications Department of our Marketing Division, was on display at the World's Fair Fashion Center in the New England Pavilion. The exhibit also included products from New England

will enable us to measurably enhance quality, reduce cost, and further improve working conditions. Modernization to maintain and improve our competitive position in the market place is a continuing one as evidenced by this purchase, the many completed programs, and the several others in progress in the plants at this time."

## 4 EMPLOYEES RETIRE

William Harris, 41 years
Henry Baker, 30 years
George Gauthier, 21 years
Bernard P. Shipulski, 20 years

MYSTERY PHOTO—Ruth Visgatis, on the left, was the one to be identified in the September PROFILE. She is a clerk in the Plont Engineering Department. While the photo on the right looks like it might have been token recently, it hos been many years since "Sport" wos this boy's best friend

PROMOTIONS—Richard Mombaurquette, on the left, has been appointed Supervisor, Repair Expediting. James W. Marshall, center, has been promoted to Supervisor, Warehousing and Analysis. William Burroughs, right, is the newly appointed Assistant Foreman of the Cost Iron Melting Department, Foundry

The committee in charge of the first annual Field Day sponsored by the Whitinsville Fish & Game Club and the Blackstone Valley Beagle Club, August 29 and 30, were, frant raw on the left: Dick MacIntyre, Ray Greene, Robert Campo and Bill Greene. Back row: Truman Pierce, Pete Opperwall, Murray Andrews, Jack Cunningham and John Jones. Among the events held during the two doys were Beagle Trials, a Fishing Derby, and Coon Trials. A chicken barbecue climaxed the program

## Births

To Mr. and Mrs. Allan Davidson, Monterey, California, were born triplets, two sons and a daughter, average weight 4½ lbs., on August 15. Paternal grandparents are Mr. and Mrs. Adam Davidson.

## In Memoriam

Harry Freeman, 58, assembler, died on July 31. He lived in Upton.

Felix Leclaire, 64, a retired machinist died on August 5. He lived in Upton.

Albert J. Morven, 67, died at his home in Northbridge on August 7. He worked in the Annealing Room for 22 years.

William J. Linkow, 47, died at his home in Marlboro on August 6. He was a central planner in the Research & Development Division.

Mrs. Irene Wood, 56, wife of Earl Wood of Product Engineering, died in Memorial Hospital, Worcester, August 9.

Fred Matthewman, 89, died August 15 in the Whitinsville Hospital. Before retiring 20 years ago, he was foreman of the Tin Shop for 48 years.

William Baines, 76, died in Fort Lauderdale, Fla., recently. Before retiring 8 years ago, he was supervisor of the Welding Department.

George P. Columbia, 66, died while driving his car on August 3. He was a retired Whitin boiler tender.

Andrew Baird, 84, died at his daughter's home in Summit, N.J. on August 1. Before his retirement in 1950, he worked for Whitin 50 years—many of these years as foreman.

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# The WHITIN PROFILE

NOVEMBER 1964

The WHITIN
PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

NOVEMBER, 1964
Vol. XVII, No. 11

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LAWRENCE M. KEELER...*Associate Editor*
G. F. MCROBERTS....*Contributing Editor*
MALCOLM PEARSON...*Plant Photographer*

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## There Is Nothing Permanent Except Change

A century ago there were only 300 occupations from which to choose. Today there are over 30,000. New job opportunities are the result of progress, and progress is change.

The only alternative to change is decay, a dry rot that spreads like a plague and drains the goodness out of everything it touches.

The speed of change today is a thousand times faster than at any other period of our history. Since change by itself is neither good nor bad it requires a cool head to judge the benefits and the losses.

Because change is certain the best we can do is plan for it. The conveniences we enjoy today at home and at work have displaced a "convenience" of fifty years ago. Somewhere a factory that built the old "convenience" stands idle and employees must be retrained and relocated.

Our grandfathers had sharp words for those new fangled gas buggy drivers: "Get a Horse." Thank goodness, they weren't taken seriously or we might still be driving horses.

## WHITIN PERSONALITY

CAMILLE R. GUILBERT, Foreman of Department 427, was born in Woonsocket, R.I., October 3, 1933. He attended Woonsocket schools and graduated from Mt. St. Charles High School in 1950.

For three years he worked at a variety of jobs in Woonsocket textile mills. Before coming to Whitin in October 1956, he worked also for three years in the heat treating department of a Pawtucket machine shop.

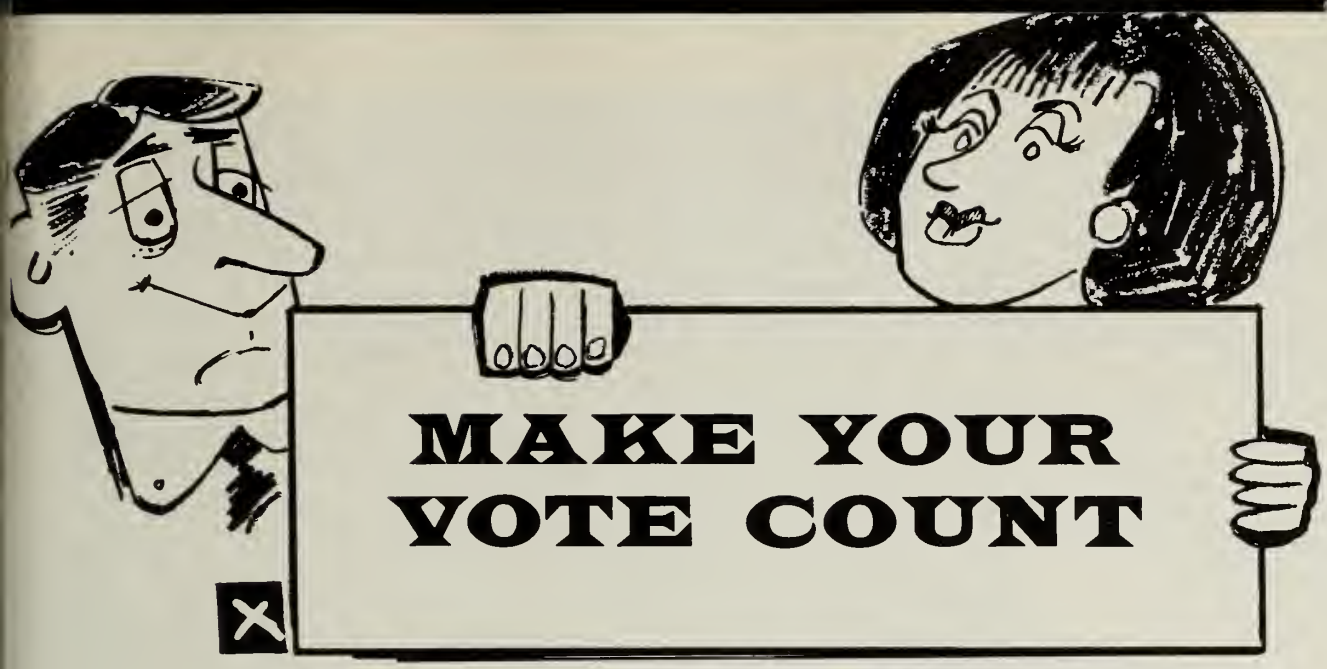
He was first employed at Whitin as a drill operator in the department where he is now the foreman. On October 15, 1962, he was appointed assistant foreman of Department 427 and on September 1, 1963 was promoted to foreman.

He has charge of 55 men and three women who manufacture small parts for printing presses, duplicators, spinning frames, twisters, Foster winders, Muller winders, and J. D. Ferry food processing machines.

He is married to the former Helen D. Rypysc of Woonsocket. They have three daughters, Judy 7, Therese 5, Patricia 1, and a son, Edmond, 4 years of age. They reside at 20 Rebekah Street, Woonsocket.

Cam's special interests include gardening, bowling and fishing. He also enjoys being a spectator at football games, baseball games and other sports. He is a member of the Knights of Columbus, Woonsocket Council.

FRONT COVER—In recognition of Edward Kane's 50 years of continuous service at Whitin, he was presented a wrist watch at the Senior Employees' Banquet, in the auditorium of the Northbridge High School, October 7. Shown admiring Ed's new watch are three other senior employees with a total of 130 years of service. Pictured from the left are Gertrude Barlow, 41 years; Susanna Gusney, 45 years; and Katherine Kearnan, 44 years.

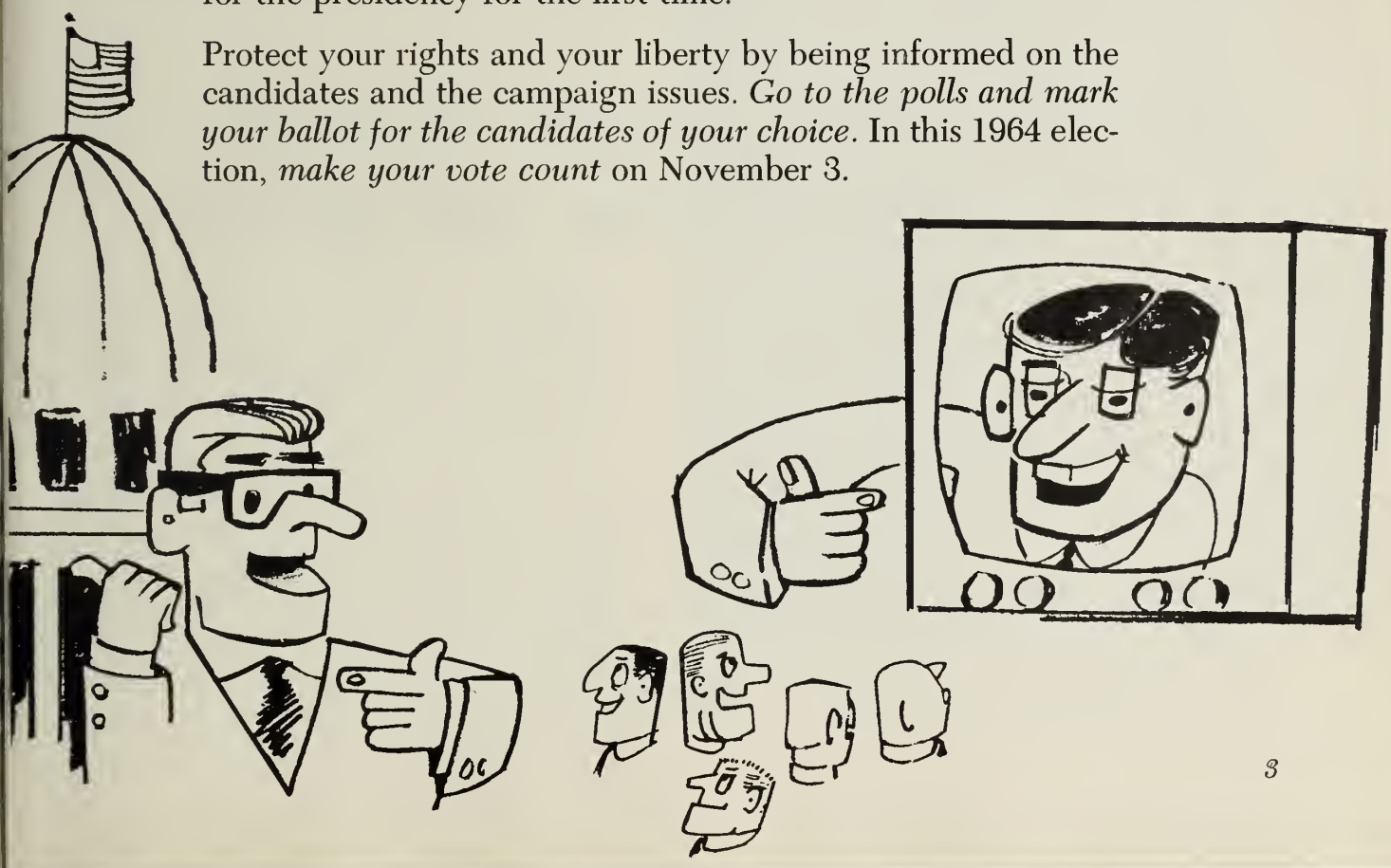


# MAKE YOUR VOTE COUNT

From the very beginning of these United States, our people have battled, bled, and died for the right to choose their own government. Many have given their lives to create and defend your ability to vote as you see fit. They have granted you the right to voice your opinions—without fear of reprisal—at the election polls. It is your responsibility to preserve this right by exercising it.

Statisticians estimate that there will be on November 3rd 110 million Americans of voting age, with 10 million casting a vote for the presidency for the first time.

Protect your rights and your liberty by being informed on the candidates and the campaign issues. *Go to the polls and mark your ballot for the candidates of your choice.* In this 1964 election, *make your vote count* on November 3.



Whitin senior employees have a record of continuous service which is believed to be unequalled by any other company in the country. Total time accumulated by Old Timers exceeds 14,000 years

# PRESIDENT GARRETT PREDICTS SUCCESSFUL FUTURE FOR WHITIN

At the Senior Employee Banquet, in the Northbridge High School Gymnasium, October 7, a group of active and retired Whitin veterans representing 14,000 years of continuous service with the Company, were reassured by President Norman F. Garrett that the Whitin Machine Works is an expanding organization.

After extending a warm welcome to the Old Timers and congratulating them on their many years of faithful service, Mr. Garrett, in speaking of Company activities, said that orders for textile machinery have been booked more heavily in recent months than at any time during the last four or five years. He stated that in the last month or two Whitin had crossed over from a loss position to a profit position. He pointed out, however, that with the increase in business Whitin is in great need of skilled help.

In reflecting on the future, Mr. Garrett stated that Whitin's world-wide reputation as a manufacturer of top quality machinery, the increased interest in Whitin products in the growing South American countries and Whitin's plans for the development of new products should result in dynamic growth for the Company. This, he felt, would also mean increased growth and prosperity for Whitinsville and the surrounding communities.

Norman F. Gorrett, President, congratulated Albert J. Charbonneau and presented to him a wrist watch in recognition of his 50 years of continuous service at Whitin

—MORE

Mr. John G. Reed, newly elected Vice President and General Manager of the Whitinsville Division, was introduced by Mr. Garrett. In the course of his remarks, before presenting the 40-year service pins, Mr. Reed said, "I have had an opportunity during the last two weeks to look the plant over and meet many of you. I am very impressed with what I've seen. Obviously, as a new employee, I am interested in the growth of the Company and all signs seem to point to a successful future. I am very proud to be a member of the team at Whitin."

Norman F. Garrett presented wrist watches to two Whitin veterans who recently completed 50 years of continuous service with the Company, Albert J. Charbonneau, recently retired, and Edward M. Kane of Machine Maintenance. G. Denton Simmons, of the Plant Engineer's staff, another half century veteran, was on vacation.

Those who joined the ranks of the 40-year men this year were Fred Baker, Arthur Dufries, Frederick W. Dexter, George West, Francis L. Joslin, Joseph E. Branigan, George F. McRoberts, Archie L. Ledue, John R. Spencer, Katchadoor Bedoian, Benjamin Tjaarda, Joseph J. Ratty, Edward J. Duggan, William Brouwer, Ernest E. Conrad, and Philip T. Larsen, Sr.

George West, Coordinator of Patents, receives congratulations and a 40-Year Service Pin from John G. Reed, Vice President and General Manager of the Whitinsville Division

New group of Whitin employees to join ranks of 40-year men were, front row, from the left: Francis L. Joslin, Joseph E. Branigan, George West, Ernest E Conrad, John R. Spencer; second row, Benjamin Tjaarda, Arthur Dufries, William Brouwer, Fred Baker, Joseph J. Ratty; third row, Frederick W. Dexter Edward J. Duggan, Archie L. Ledue, and Philip T. Larsen, Sr. Unable to attend were George F. McRoberts and Katchadoor Bedoian

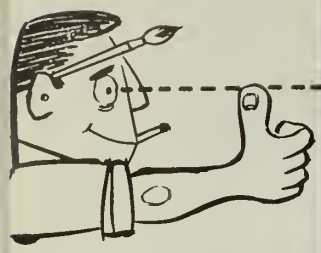
Four fast moving acts of vaudeville climaxed the evening's activities. On the left, Marcelli & Janice in a tight wire act, started the show off with a display of unusual talent. On the right, Victor "Muscles" Romasco offered his services to the acrobatic team of Ray Romaine & Clare. Even Dick Lane, Assisant Principal of the Northbridge Senior High School, decidea to assist Vic's attractive partner

# NEW MEMBERS OF HALF CENTURY CLUB

**G. Denton Simmons** was born in Warren, Maine on June 21, 1894. He came to Whitinsville in 1910 and lived with his uncle. He worked as a carpenter on the local Methodist Church as well as on the Whitinsville Social Library. He started to work for the Shop in January, 1914, was made assistant foreman in the Carpenter Shop in 1920 and foreman in 1942. In 1943, Denton was given the added responsibility of the supervision of maintenance on all Company owned tenements. He is presently foreman of construction and maintenance on Company owned property outside the plant. He is married, has a daughter and four grandchildren. His favorite recreation is golf and has been a member of the Whitinsville Golf Club for 30 years. He is one of two members to achieve the distinction of getting two-holes-in-one. He lives at 90 High Street, Whitinsville.

**Edward M. Kane,** Department 461, was born in Whitinsville on February 27, 1899. He started to work in the Freight House in June of 1914 and a year later was transferred to the Tool Job and was assigned to Department 411 as a maintenance man. He has worked continuously in this capacity since that time. He is married, lives at 16 C Street in town. He has four grandchildren. He has been a substitute patrolman on the Northbridge Police Force since 1936. His hobbies are fishing and flower gardening.

**Albert J. Charbonneau,** retired, was born in Spencer, Mass., on March 13, 1899. He started to work on the Roll Job in 1914 for George Gill. Later he transferred to the Brush Job and then to the Metal Pattern Job under Charles Stuart. He was the first supervisor on the Milling Job when a night shift was started for the first time. From 1942 until his retirement he was a Router in the Production and Methods Departments. He is married and lives at 161 East Street in town. His hobbies are amateur radio, photography and working around his home.



# THE DON'T CARE AGE

Condensed from an address by Clinton E. Frank, Clinton E. Frank, Inc., before the Western States Advertising Agencies Assoc., Los Angeles, Reproduced in "The Advertisers Digest."

I WANT TO explore with you a widespread attitude that is well on its way to spoiling our own lives and those of our children. It's an attitude which destroys the usefulness of individualism in every profession, every business, every income group.

It affects persons of every age, but is emphatically worse among those of us who were born during the last 40 years or so. But the attitude spreads, because it is contagious and, sadly, even the oldest, most mellow of us fall victim to its evil influence. If we must give it a label, let's relate the attitude to the times in which we live and say this is the "Don't Care Age."

In many ways, in many areas of life, we find that people have simply stopped caring. We have stopped caring about what we do. We have stopped caring about how well we do it. We have stopped caring about what we can do for people. We have stopped caring about what we put into a product, and care only for what we can get out of it.

What are some symptoms of the "Don't Care age?"

There is the mechanical product advertised to have permanently lubricated bearings which were never lubricated in the factory at all because an assembly line worker didn't care about his craft, because an inspector didn't care about his company's promises, and because a factory manager didn't care about his employer's integrity.

There is the new school building—constructed at what seems to be incredibly high cost to the taxpayer—that reveals cracked walls, blistered paint and rippled floors six months after its dedication.

There is the giant missile designed to catapult American lives to the moon that can remain earthbound—at an added cost of millions—because workers who don't care discarded cigarette butts and candy wrappers to clog tiny valves and cause malfunction.

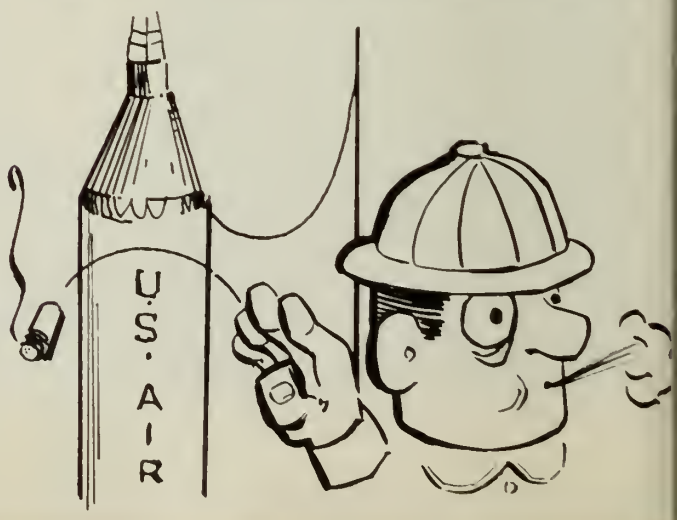
Remember that canned stew your wife used to bring home? It tasted darn good the first time you tried it. Plenty of tender beef. Nice sweet carrots and onions. But not for long. Over the years the price went up while the beef dwindled and the onions shrank, until one day you said to your wife "Don't buy that stuff any more."

The "Don't Care Age" shows up in other places, too. Consider government: Justice is defeated by judges who show poor judgment. Citizens are left unguarded by cops who would rather play robbers. We are no longer indignant at stories of public officials who use their power primarily to build bank accounts for themselves.

In our own daily lives we're swamped by the "Don't Care" attitude. Sales clerks don't know if there's another size, if it comes in other colors, how it should be cleaned, how long it should last, how it works or why it is better. They merely take orders, and the products they should be selling are only props which the customer must fit into his own idea of what will fill his need.

The advertising business, unhappily, is in the "Don't Care Age," too. We see it at work when we find advertising that gratifies the agency man's ego and ignores his client's need.

We see it in advertising that is afraid to sell, or



ashamed to tell its story. We see it in advertising that misleads, produced by advertising men who expect credit for never saying anything that is false, but who avoid saying the truth about inferior goods and specious prices.

But how about the coin of "Don't Careism?" Does it have another side? Certainly there's another side, with an answer so simple, so obvious, we keep forgetting it's there. Turn the coin over. What does it say? It says: "Care more."

"Why hell," you say, "there's nothing revolutionary about that." And I say you're wrong: it *is* revolutionary to care more.

We've all been around long enough to recognize there is nothing like a guy who really knows his business—who treats it with enthusiasm, and who recognizes that honest success is a lot of hard work, not just a fast pass in front of the client's eyes.

Worthwhile results are seldom achieved overnight. Let us, therefore, keep in mind the "Care More" idea every day, everywhere in every phase of our own work and in all our day-to-day handling and treatment of people whoever they may be.

It doesn't cost a penny. It takes only a little effort. It can make all the difference in the world to us and to our companies. The best part is that it is completely individual. No one can order or legislate this concept.

How can we identify the "Care-More" attitude? Where should we find it? What should we look for? As to where, it's simple. Everywhere! There's no one who can't put more care into his work.

Here's what you should look for in the people with the "Care-More" attitude:

You'll find an art director who gets involved with advertising problems, not just the glories of graphics. You'll find an account executive who does his homework so that he has more than just a passing knowledge of the clients' business, products, and problems.

You'll find a copywriter who digs deep until he finds the selling idea that really works. You'll find a research man who follows facts to a conclusion, but who never leads his conclusion to facts. You'll find a secretary who worries herself into a tizzy 'til she knows for sure that important message reached her boss.

Caring more about our work—with concern for the results for others—will have important effects on our own lives. What can we expect to achieve by caring more? What results can we look for?

- By showing we care more, we will cement more firmly enduring relationships with our customers.
- We will gain greater respect for our own abilities, skills and craftsmanship from clients, fellow agencies and suppliers.
- We will do more things right, more often.
- We will build a growing loyalty among the people with whom we work.
- We will be better prepared and more able to honestly offer our services to new prospects. And we will win more customers simply because we will be better.
- We will earn more money. Our companies will produce more profit and a better return.

Earlier I pointed out that the "Care more" attitude is revolutionary. This has always been true. Industrial revolutions, political revolutions, economic revolutions, revolutions of all kinds are started and won by people who care more. People who don't care either go down the drain or manage to barely survive without having known the thrill and satisfaction of participating fully in the events of their own time.

Wise old John Adams, who knew a thing or two on the subject, said the American Revolution began when the first English settlers landed on these shores. Revolutions take time and hard work. But when no one cares, they don't happen.

Robert Frost said: ". . . nothing is true except as a man and men adhere to it—live for it, so to spend themselves on it, to die for it."

"Caring More." This can be our answer to the "Don't Care Age."

# WHITIN ANNUAL SALES MEETING

The 1964 Product and Sales Conference was attended by sales representatives from the company's branch offices, company officials, personnel from Product, Sales, and Marketing Services Departments, staff members of Research, Development, Engineering, and Manufacturing Departments as well as key personnel from the Foster Machine Division

THE ANNUAL PRODUCT and Sales Conference of the Whitin Machine Works was conducted at the Pleasant Valley Motel and Country Club, September 20 to September 24, 1964.

The primary purpose of the conference was to acquaint the company's sales personnel with new developments, techniques and products.

The speakers, and the subjects covered, were J. H. Bolton, Jr., Review of Past Performances and Forecast of Sales; W. A. Newell, Dr. Z. Szaloki, C. W. Palm, John R. Lash, R. W. Rawlinson, F. M. Johnson, and M. B. Chace, present products and future product plans; G. F. McRoberts, Preview of Greenville Show and Public Relations; E. G. Morrett, Advertising that Works; F. W. Roberts and J. Osgood, Research and Development Status Report; R. I. Dalton, Jr., and C. R. Brussee, "TV" Contest Awards and Accomplishments; V. E. West, Financial Aspects of the Company; R. F. Waters, Report on Stretch Yarn Machinery; W. J. Dunleavy, Service and Erecting; T. K. Brown, Order Processing; E. M. Kennedy, Report on Whitin International; M. W. Keeler, Trade Relations; P. H. Farmer, Foster Products; D. Longmuir, Management Meetings, and Labor Relations; S. L. Duffett, Mill Surveys; R. M. Jones and G. D. Curtis, Budget Seminars; J. R. Sanderson, Market Research Reports; A. O. Roy, Synthetic Filament Sales; C. W. Adams, Manufacturing Reports; F. O. Rizer, Manufacturing Lead Time; and Victor Delisle, Quality Control Procedures.

The program committee was headed by J. H. Bolton, Jr., Vice President, Marketing, assisted by William A. Newell, Manager, Product Department; Robert I. Dalton, Jr., of Charlotte, North Carolina, Vice President, Domestic Sales; and C. Roger Brussee, Manager, Marketing Services.

The sessions were attended by company officials and personnel from Product, Sales, and Marketing Services Departments, and additionally by staff members of the Research, Development, Engineering, and Manufacturing Departments. Sales representatives from the company's branch offices in Charlotte, N.C., Greensboro, N.C., Belmont, N.C., Atlanta, Ga., and Spartanburg, S.C., were present as well as key personnel from the Foster Machine Division.

Winners of the recent special Sales Contest for making the most effective presentation of Whitin's "A Look at the U. S. Textile Industry Through 1970": from the left, R. K. Clement, Greensboro, a clock radio; O. G. Murphy, Atlanta, black and white TV; R. W. Dunn, Spartanburg, color TV (winner). R. I. Dalton, Jr., second from the right, presented awards

Normon F. Gorrett, President, is presented Boy Scout aword by Institutionol Representotive Joseph Gouvin, of Reseorch ond Development Division

# WHITIN RECEIVES SCOUT AWARD

THROUGH the years, the Whitin Machine Works has received awards in recognition of achievements in a wide variety of civic and industrial activities, but one award which is particularly prized by the Company was received recently from a group of boys in St. Patrick's Boy Scout Troop 150.

The award, which was presented to President Norman F. Garrett, by Joseph Gauvin, Institutional Representative, was in appreciation of the Company's interest and support in the local Boy Scout program.

Whitin has always aided and encouraged scouting, which places emphasis upon character development, citizenship training, and physical fitness.

Other local Boy Scout units include the Village Congregational Church Troop 155, St. Peter's Church Troop 145, and several cub pack troops. Whitin sponsors Sea Scout Ship 112.

St. Potrick's Boy Scout Troop 150. Pictured in the bock row, left end, are Committeeman George Mills, Assistont Scoutmaster George Jones, Assistant Scoutmoster Raymond Achorn. On the right end of bock row, left to right are Scoutmaster Leo Boufford, Assistant Scoutmaster Leon Dudo, ond Committeeman Jomes McAuliffe

# ATF INTRODUCES NEW WEB OFFSET SERIES

ATF 1500 Series Web Offset Publication Press

AMERICAN TYPE FOUNDERS, Whitin subsidiary, has announced a new series of heavy-duty web offset perfecting presses—the ATF 1500 Series—which are claimed to be the fastest 38″ web offset units ever designed. According to ATF, printing and folding speeds for the new series are rated to 1500 feet per minute, unprecedented production standards for high-quality lithography on coated papers.

Designed for high-volume production of multicolor magazines, mercantile and industrial catalogs, books, high-quality newspaper supplements and coated-paper advertising lithography, presses in the 1500 series can be equipped with from 2 to 6 high-speed perfecting units, capable of printing from 4 to 12 wet or dry offset plates simultaneously. Available cutoff sizes are 24 and 45½″. Standard web width is 38″, other widths available to order.

A 4-unit press of the 45½ x 38″ size, using only 1 web of paper, can produce 32 four-color magazine-size pages (or 64 digest-size or 16 tabloid-size pages) with every turn of the cylinders—an output that would normally require 2 webs and a minimum of 8 printing units on standard magazine presses, or 2 separate runs on standard 4-unit single-web equipment.

According to ATF, the increased production capacity on the new presses is the result of a proven folding principle, previously available only on custom-engineered presses.

According to ATF, manufacture of the 1500 series is already in process and the first press will be delivered in early 1965.

Lena M. Honna
Spindles
25 Years

William Greenwood
Top Rolls
25 Years

Harold Buma
Mfg. Planning Engineering
25 Years

Donald L. McKenzie
Development Planning
25 Years

Hugh Currie
Production Processing
25 Years

# Honor Roll

**August–September, 1964**

## 25 Years

**Simone Roy,** Top Rolls

**Donat E. Jacques,** Spindles

**Robert B. Kendall,** Winder Engineering

**Eugene J. Kurowski,** Rov., Small Parts

**R. Marjorie McCallum,** Purchasing

**John H. Cunningham, Jr.,** Gen. Supt. Staff

## 20 Years

**Nelson I. Bartlett,** Wood Patterns

**Eleanor M. Dorsey,** Industrial Relations

**George Gigarjian,** Electrical Maintenance

**Agnes M. Picard,** Cast Iron Cleaning

**Harold Pierce,** Spinning & Twister Stores

**Joseph A. Roy,** Steel Cut-Off and Storage

**William A. Smith,** General Machining

**Angela Zanchetti,** Whitin International Limited

## 15 Years

**Thad J. Froncyak,** General Accounting

## 10 Years

**William L. Arnett,** Punch Press

**Nicholas DeHaas, Jr.,** Apprentices

**Armand L. Plouffe,** Control Accounting

## 5 Years

**James G. Adams,** Foundry

**Chester Banks,** Foundry

**Robert Barnett,** Inventory Control

**Roland J. Brisson,** Large Planers

**Constance M. Campo,** Production Processing

**Ernest L. Cardin,** Cast Iron Cleaning

**David Chenevert,** Spinning Erecting

**Kenneth F. Cutty,** Millwrights & Structural Steel & Foundry Maintenance

**Adeline Desmarais,** Inventory Control

**Ernest F. Esposito,** Data Processing

**Ronald E. Faford,** Pattern Storage

**Robert Gabrielson,** Product Engineering

**James Gellatly,** Comber Erecting

**James L. Hazzard,** Foundry

**John B. Kelliher, Sr.,** Product Development

**Walter T. Kurowski,** Polishing

**Edgar C. Lambert,** Gear Cutting

**Robert J. Laplante,** Spindles

**Philias J. Paquin,** Painting & Sanitation

**Joseph Paravano,** Foundry

**Rene Plasse,** Foundry

**Eugene E. Poznanski,** Product Engineering

**Joseph G. Saad,** Gear Cutting

**Robert K. Trasavage,** Product Development

**Americo Vicca,** Steel Fabricating & Tin Cyl.

**James W. Walker,** Foundry

**Henry Williams,** Foundry

**Howard R. Worthington,** Development Construction

# News Roundup

## WHITINSVILLE GOLF CLUB

### FOUR BALL LEAGUE TEAM STANDING AT END OF REGULAR SCHEDULED SEASON

| Place | Team | Points Won | Points Lost |
|---|---|---|---|
| 1. | Palmer's<br>*Co-Captains:*<br>C. Malkasian<br>G. Thomas | 35½<br>Season Sched-uled Winner | 18½ |
| 2. | Venturi's<br>*Co-Captains:*<br>L. Verrier<br>J. Malcus | 33 | 21 |
| 3. | Harney's<br>*Co-Captains:*<br>R. Rawlinson<br>H. Cant | 30 | 24 |
| 4. | Demaret's<br>*Co-Captains:*<br>L. Roy<br>C. Shaw | 29½ | 24½ |
| 5. | Smith's<br>*Co-Captains:*<br>T. Bisson<br>F. McCool | 28 | 26 |
| 6. | Hagen's<br>*Co-Captains:*<br>J. Lyons<br>W. Bouchard | 27 | 27 |
| 7. | Armour's<br>*Co-Captains:*<br>R. Young<br>J. Hanna<br>Sarazen's<br>*Co-Captains:*<br>J. Page<br>K. Meader<br>Hogan's<br>*Co-Captains:*<br>C. Carr<br>J. Sneiderman | 25½<br>25½<br>25½ | 28½<br>28½<br>28½ |
| 8. | Player's<br>*Co-Captains:*<br>J. Horniak<br>C. Clarke | 24 | 30 |
| 9. | Nelson's<br>*Co-Captains:*<br>J. Janakowski<br>W. Crawley | 23½ | 30½ |
| 10. | Snead's<br>*Co-Captains:*<br>A. Broadhurst<br>J. Kane | 17 | 37 |

## Calvin Hubbard Presented Award

Calvin P. Hubbard, Product Cost Estimator, has received the Most Valuable Member award from the Worcester Chapter of National Association of Accountants.

The Most Valuable Member award is presented to the Chapter member who has significantly contributed to the success of the Chapter by publishing educational and professional papers, by serving as a discussion leader at an educational seminar, by encouraging and guiding new members, and by continuing attendance at scheduled meetings.

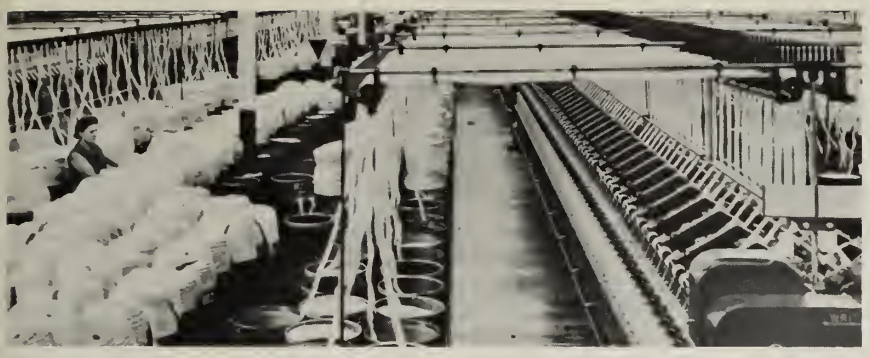
Cal is a member of long standing and has served as a Director and in other official capacities in the Chapter.

## Whitin Monarch Spinning for Economical Production of Tufted Yarns

Hand-in-hand with the phenomenal growth in demand for coarse denier yarns by the tufted carpet industry, has been the use of economical high-speed, high-production, large-package spinning frames for the production of such yarns.

Whitin pioneered in this field with the introduction in 1955 of the heavy duty Whitin Monarch Spinning frame. Since that date, scores of these frames

The schedule winner of the Whitinsville Golf Club 1964 Four Ball League was the Palmer Team, front row, from the left, Victor Romasco, William McNeill, Thomas O'Connell; back row, Charles Malkasian and George Thomas. Center photo—On the winning play-off team, the Harneys were, front row, William Taylor, Henry Cant, Richard Rawlinson; back row, Dutton Alden and John Cunningham. On the right, the play-off runner-up team, Venturi, included, front row, James Malcus, Jack Jowett; back row, Larry Verrier and Everett Johnston. Denton Simmons was absent



Whitin Monarch Spinning Frames produce 75 per cent of yarn used in tufted corpet industry

operating in dozens of mills in this country and Canada are producing more than 75% of the industry's annual requirements.

While the Monarch Spinning frame is used predominantly in the preparation of tufted rug or carpet yarns, its flexibility also appeals to mills processing drapery, upholstery, bulky-knit and paper-maker felt yarns.

The ruggedly constructed Whitin Monarch Spinning frames are truly the work horses of the coarse denier yarn industry. Their functional design, high-speed, low-maintenance operation and flexibility are producing for this fast growing segment of our industry many of the millions of pounds of yarn required at competitive cost levels.

Edward Mark, 8-year-old son of elevator operator Ed Trosavage, made his first Holy Communion in St. Patrick's Church in May

## "MEN DO NOT FAIL, THEY GIVE UP"

Many of us are still waiting for a lucky break. Or we enjoy telling about some misfortune that happened to prevent our advancing as we should.

It's been said, "Men do not fail; they give up trying."

How easily some of us give up our dreams. Yet history is full of cases where men have met one obstacle after another, and then came out ahead.

**ABRAHAM LINCOLN** is one of the best examples of a man who refused to stop fighting for what he wanted. He suffered not one, but many blows to his career as well as his personal life.

He failed in business in 1831; was defeated for the Illinois Legislature in 1832; again failed in business in 1833; his sweetheart died in 1835; he had a nervous breakdown in 1836; was defeated for Speaker of the House in 1838; was defeated for Elector in 1840; defeated for Congress in 1843; again was defeated for Congress in 1848; was defeated for the Senate in 1855; defeated for Vice President in 1856, and was defeated for the Senate again in 1858.

* * *

**BUT IN THE** face of failure, Abraham Lincoln became President of the United States in 1860. His contributions in that office are a matter of record.

Granted, some people are gifted with more ability than others. But often the less gifted person who sets goals for himself and is willing to work toward them goes farther up the ladder. Concentration and effort are, in themselves, qualities in great demand on any job.

You never know your real abilities and potential until you try again and again.

MYSTERY PHOTO—Roger O'Keefe, of the Tool Job, on the left, was the October mystery. The picture of the drummer boy, on the right, was taken in 1908 in Uxbridge

## *4 Retire at Whitin*

Kenneth K. Stairs, 39 years
Elmo E. Pickering, 23 years
David A. Demarais, 15 years
Romeo Surprenant, 9 years

## In Memoriam

David C. Clark, 64, died in his home on Orchard Street, South Grafton, on September 26. He was a machinist at Whitin for 43 years before retiring May 17, 1964.

Eli Mooradian, 71, died September 10. He was employed at Whitin for 41 years before retiring in 1956. He was an Army veteran of World War I, and a resident of Whitinsville for more than 60 years.

Isadore J. Labelle, 77, died in the Whitinsville Hospital on September 4. He was a resident of Northbridge and was employed at Whitin for 29 years prior to his retirement 12 years ago.

Benjamin E. Varney, 68, of Whitinsville, died in his home on Spring Street, on September 20. Prior to his retirement 2 years ago, he was a machinist at Whitin for 15 years.

Charles H. Newton, 84, of East Douglas, died on September 20. He was a Whitin employee for 50 years prior to his retirement.

# SNEEZES

# SPREAD DISEASES!

# The WHITIN PROFILE

WHITINSVILLE SOCIAL LIBRARY
WHITINSVILLE, MASS.

DECEMBER 1964

The WHITIN
# PROFILE

Published for Employees and their Families by Whitin Machine Works, Whitinsville, Mass.

DECEMBER, 1964
Vol. XVII, No. 12

NORMAN A. WRIGHT . . . . . *Editor*
LAWRENCE M. KEELER . . . *Associate Editor*
G. F. MCROBERTS . . . . *Contributing Editor*
MALCOLM PEARSON . . . *Plant Photographer*

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Printed in U.S.A.

☆ ☆ ☆ ☆

**May Your**

**Christmas Holidays**

**Be**

**Bright and Cheerful**

**and**

**May the New Year**

**Bring You**

**Happiness and Prosperity**

THE PROFILE

☆ ☆ ☆ ☆

## WHITIN PERSONALITY

JOHN W. KORTECAMP, Foreman of the Steel Fabricating and Tin Cylinder Department, is working toward a degree in industrial engineering in night sessions at Worcester Junior College. Having a full time job during the day and attending school at night isn't new to John. In 1942, while a junior in high school, he enlisted in the U.S. Navy. After World War II, while working as a manager of a diner, he completed his high school education by attending night classes at Milford High School.

John was born in Whitinsville on August 20, 1925. At the age of 22, he became an employee of the Whitin subsidiary, Fayscott Landis Machine Corporation, Dexter, Maine. After two years of training to be an erector, John decided he wanted a job with less traveling.

For the next fifteen years, before his appointment to foreman in February, 1964, he gained valuable experience in a variety of jobs at Whitin. He was an expediter in the Production Department for several years. He graduated from the Apprentice School as an Inside Iron Worker and worked at this trade for three years. He also was an inspector in the Steel Fabricating Department and a time study observer. Today, as foreman, he supervises 85 men who fabricate parts from steel, aluminum and brass.

He is married to the former Eleanor F. Spratt of Whitinsville. They have two daughters, Nancy, 10 and Debra, 8.

John is a Past Grand Knight of the Knights of Columbus, Mumford Council 365. He is a member of the American Welding Society, Worcester Chapter. His family attends the Good Shepherd Church, Linwood.

The Kortecamps live on William Ward Street, North Uxbridge, in a Cape Cod house which John built himself in three years. His hobby is bowling.

FRONT COVER: "What Christmas Means To Me" is illustrated on the cover by Mark Gauthier, 2nd grade, West School. Other drawings, judged the most outstanding, by children in grades 1, 2, and 3 of the West School and Plummer School appear on pages 4 and 5. We extend our appreciation particularly to Miss Linda Hedlund, art teacher in the Northbridge elementary schools, for conducting this project at our request for the PROFILE.

THE PRESIDENT'S

# *Christmas Message*

The Christmas Season brings to each of us a period of warm awareness of others and the reflective spirit of reassessment. In this spirit I would like to wish each of you a Merry Christmas.

As fellow employees of Whitin we have shared the difficulties of the past year. Many challenges have been faced and successfully overcome. In the marketing of our products we have made great strides and end the year with one of the highest backlogs in recent years. We are working on new and better products for our industry. We have produced our equipment with improved quality and on dependable schedules. New techniques of controlling our inventories and our production have been applied and used by our management group. These, and many other accomplishments have been shared together and have made us keenly aware of our mutually close relationship as members of the Whitin team.

As we reflect on the year 1964, we do so with a sense of progress and accomplishment, truly the best foundation for the Christmas spirit. As we look into 1965 it is with confidence. We begin the year at a high level of activity and with opportunity to serve our customers and our industry in even more satisfactory ways. There is every reason to feel that 1965 will be a year of substantial prosperity for Whitin, a year in which we will again have the opportunity to further evidence our progress.

To each of you then, my personal thanks for making possible the Merry Christmas and Happy New Year I wish you.

Sincerely,

Norman F. Garrett

*President*

# WHAT CHRISTMAS

Michael Branowicky
2nd Grade, Plummer School

James Boucher
1st Grade, West School

Scott Riding
1st Grade, West School

Melanie Kalousdian
3rd Grade, West School

# IEANS TO ME

June Jones
3rd Grade, West School

Mary Small
2nd Grade, Plummer School

Jennifer Kieronski
2nd Grade, West School

Kathy Destrempes
2nd Grade, Plummer School

# Our American

Christmas in America is many things — many moods and many memories.

Christmas is the glitter of trees hung with shining ornaments . . . the scent of pine, roasting turkey and flaming pudding . . . the festive color of poinsettias, holly berries and gaily wrapped packages.

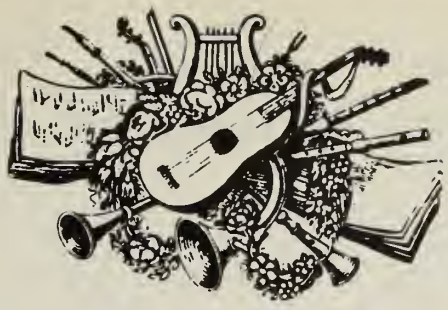
Christmas is the sound of carols, hymns and the busy cling of Santa's bells mingling with the teeth-gritting of harrassed clerks, late shoppers and weary postmen.

Christmas is a chore, a festivity, a feast, a month-long madness and the best day of the year.

Christmas is the glow in the eyes of the believing child.

Christmas for some is a time of frivolity, for others a time of prayer and for still others a time of playful cynicism.

# Christmas



All these things make our kind of

Christmas — an American Christmas —

a heritage dependent on our freedom —

our American way of life where

freedom from want and fear prevail.

These make our American Christmas possible.

These things add to the sacredness of the season and make us stop to think —

What does Christmas really mean: the beginning of Christianity . . .

another chance for the world . . . the hope for peace.

So let us pause — not to "spend" Christmas

. . . not to "observe" Christmas . . .

but to "keep" Christmas. Keep it

as it is — our American Christmas.

Yes, keep it in our hearts but

keep it in our hopes and goals to preserve our American way.

# For a happy, safe Christmas . . . .

*The few minutes you take to read the Christmas safety tips on this page may prove to be the most important minutes you will spend in preparing for Christmas at your house. In short, they may spell the difference between a joyous or a joyless Christmas for you and your family. If you take the suggested precautions, you enjoy your best opportunity for a happy holiday.*

### The Tree

Choose one that's fresh, that has not dried out from long storage. Diagonally saw off the trunk an inch or more above the original cut and keep the fresh cut under water while the tree is up.

Brace the tree solidly—keep it away from radiators, fire places, TV sets, tables with ashtrays and heat vents or any other places where the tree is likely to dry out. Don't smoke while decorating the tree. Always use a ladder to reach the top; with chairs, stools or boxes you're heading for a fall.

Inspect the tree from time to time to see whether the needles have started to turn brown near the lights. If they have, move the lights. Provide a switch for the tree lights at some distance from the tree.

Don't let it block the way out of the room. Put it up just before Christmas and take it down right afterwards.

Be sure to dispose of old trees outdoors—not in furnaces, stoves or fireplaces—because Christmas trees burn with almost explosive violence.

### Fireplace

If you burn logs in your fireplace, be sure the sparks stay in there too. Keep a screen in place at all times, one that's covered at the top. And again, the reminder—do not burn Christmas trees in the fireplace.

### Gifts

Select with care, always keeping in mind the child's age, interests and mental and physical abilities. For instance, good judgment is essential in purchasing chemical sets for young children. Stay away from flammable plastics, non-flameproofed cowboy suits, etc.

Remember that toys using alcohol, kerosene or gasoline carry an extra measure of danger with their fun. Keep trains and other electrical and fueled toys away from the tree. Your best assurance of a safe electrical toy is the Underwriters' Laboratories label. Archery sets, BB guns and dart games are no longer toys when in the hands of children who are not fully aware of injuries they can cause.

Don't leave dad's new power tools lying around the living room or anywhere the kids can get hold of them. Power tools belong in the workshop.

### Lighting

Don't use candles on or near the tree, curtains or decorations. Check light sets closely for frayed wires, loose connections and broken sockets. All sets should have the UL label on them.

Be careful not to overload sockets (not more than 15-ampere fuses). Don't go to bed and leave the lights on all night. Disconnect lights at the source of power—don't just "loosen" a bulb. Keep extension cords short and out of the way to prevent tripping.

Use weatherproof lights and cords outdoors. Keep outdoor wires overhead and pad the tree branches so they won't rub the insulation off the wires. Before changing bulbs outside, turn off the current. Moisture on your hands plus wet snow can make you the go-between for a short circuit.

Don't put the electric lights on aluminum trees—they also conduct electricity. Use colored flood lights to give a safer and more beautiful illumination.

### Decorations

Buy only flameproofed materials. Stick to decorations of metal, glass and asbestos if possible. Put breakable ornaments up high—out of the reach of children and pets. Do not hang artificial icicles near bulbs, sockets or metal part of wiring. Don't smoke near decorations or piles of wrappings. As soon as gifts have been opened, put the wrappings in your incinerator or metal trash cans.

***Don't Forget To Drive Carefully, Too!***

# Whitin Machine Works

# Supports 1964 Fund Drive

With the virtual completion of the 1964 Fund Drive of the Northbridge Agencies, the employees of the Whitin Machine Works have contributed a total of $13,364.00, which is an average of $4.49 per employee.

In the table below is shown the amount given by each department, and the average amount given by the members of the department. Where certain departments have three or fewer people, these have been collected into one group.

Section I shows Clerical and Shop personnel contributions. Part II shows the donations of people on the Executive and No. 1 payrolls. Final tabulation for this last group will appear in the near future.

### I—CLERICAL AND SHOP PERSONNEL CONTRIBUTIONS

| *Dept.* | *Amount Received* | *Dept. Average Per Employee* | *Dept.* | *Amount Received* | *Dept. Average Per Employee* |
|---|---|---|---|---|---|
| 805 | $ 50.00 | $8.33 | 435 | | |
| 663 | 25.00 | 8.33 | 458 | | |
| 702 | 67.50 | 7.50 | 570 | | |
| 705 | 37.00 | 7.40 | 573 | | |
| 666 | 58.00 | 7.25 | 703 | $ 83.00 | $4.15 |
| 687 | 111.00 | 6.94 | 697 | | |
| 710 | 39.50 | 6.58 | 491 | | |
| 686 | 164.00 | 6.31 | Credit | | |
| 665 | 405.00 | 6.05 | Union | | |
| 462 | 39.50 | 5.64 | 308 | 120.00 | 4.14 |
| 445 | 49.50 | 5.50 | 417 | 177.50 | 4.03 |
| 996 | 22.00 | 5.50 | 437 | 154.00 | 3.95 |
| 422 | 179.00 | 5.42 | 470 | 118.00 | 3.93 |
| 572 | 93.00 | 5.17 | 469 | 43.00 | 3.91 |
| 677 | 158.00 | 5.10 | 706–707 | 162.00 | 3.86 |
| 418 | 81.00 | 5.06 | 454 | 314.50 | 3.84 |
| 446 | 70.50 | 5.03 | 424 | 53.00 | 3.79 |
| 449 | 55.00 | 5.00 | 630 | 117.00 | 3.77 |
| 601 | 30.00 | 5.00 | 444 | 45.00 | 3.75 |
| 441 | 67.00 | 4.79 | 468 | 30.00 | 3.75 |
| 620 | 51.00 | 4.64 | 481 | 60.00 | 3.75 |
| 685 | 110.00 | 5.58 | 696 | 41.00 | 3.73 |
| 594 | 289.00 | 4.44 | 307 | 48.00 | 3.69 |
| 664 | 225.00 | 4.33 | 691 | 69.00 | 3.63 |
| 577 | 80.00 | 4.21 | 571 | 86.00 | 3.58 |
| 476 | 54.00 | 4.15 | 485 | 24.50 | 3.50 |
| 433 | $ 31.00 | $3.44 | | | |
| 303 | 17.00 | 3.40 | | | |
| 692 | 121.00 | 3.36 | | | |
| 427 | 195.00 | 3.25 | | | |
| 451 | 38.00 | 3.17 | | | |
| 596 | 41.00 | 3.15 | | | |
| 456 | 34.00 | 3.09 | | | |
| 457 | 95.00 | 3.06 | | | |
| 420 | 187.00 | 2.92 | | | |
| 423 | 123.00 | 2.86 | | | |
| 482 | 31.00 | 2.58 | | | |
| 440 | 28.00 | 2.55 | | | |
| 416 | 267.00 | 2.54 | | | |
| 429 | 109.00 | 2.53 | | | |
| 439 | 128.00 | 2.50 | | | |
| 684 | 10.00 | 2.50 | | | |
| 704 | 10.00 | 2.50 | | | |
| 411 | 164.00 | 2.45 | | | |
| 425 | 75.00 | 2.42 | | | |
| 301 | 36.00 | 2.40 | | | |
| 448 | 120.00 | 2.35 | | | |
| 426 | 138.75 | 2.27 | | | |
| 483 | 18.00 | 2.25 | | | |
| 443 | 37.00 | 2.18 | | | |
| 306 | 19.00 | 2.11 | | | |
| 484 | 40.00 | 2.11 | | | |
| 410 | 48.00 | 2.09 | | | |
| 489 | 104.50 | 2.01 | | | |
| 447 | 32.00 | 2.00 | | | |
| 453 | 126.50 | 1.98 | | | |
| 472 | 37.00 | 1.95 | | | |
| 304 | 279.50 | 1.84 | | | |
| 452 | 70.00 | 1.84 | | | |
| 693 | 41.50 | 1.80 | | | |
| 432 | 147.00 | 1.77 | | | |
| 438 | 33.00 | 1.74 | | | |
| 414 | 193.00 | 1.69 | | | |
| 460 | 81.00 | 1.58 | | | |
| 471 | 20.00 | 1.43 | | | |
| 305 | 81.75 | 1.41 | | | |
| 461 | 34.00 | 1.36 | | | |
| 723 Incomplete | 112.00 | 1.33 | | | |
| 459 | 21.00 | 1.31 | | | |
| 467 | 9.00 | 1.29 | | | |
| 302 | 11.00 | 1.22 | | | |
| 412 | 31.00 | 1.15 | | | |
| 463 | 28.00 | 1.12 | | | |
| 431 | 27.50 | 1.10 | | | |
| 430 | 18.00 | 1.00 | | | |
| 309 | 3.00 | .60 | | | |
| TOTAL | $8058.00 | | | | |

### II—#1 AND EXECUTIVE PAYROLLS

| *Dept.* | *Amount Received* | *Dept. Average Per Employee* |
|---|---|---|
| #1 and Exec. | $5306.00 | $18.17 |

**Edward C. Connor**
Regional Sales Manager

**John B. Dovenport**
Sr. Salesman, Syn. Filament

**Ernest Plumb**
Assist. Treasurer
Whitin International

**Jesse J. Loredo**
Administrative Assistant — Sales

# Familiar "FOSTER" Faces

Introduced, on these pages, are the key Foster personnel who have come to the Whitinsville Division to give us the assistance we require to continue supplying the textile industry with all types of Foster winders. Their winders already have established an enviable reputation of excellence in the textile industry. We extend to each of them a hearty welcome.

**Harold Congdon**
Designer

**Stanley Burke**
Sr. Project Engineer

**Alfred Serofin**
Erector

**Henry T. Kenney**
Methods Engineer

**Frank Kochon**
Project Engineer

**Danald Sangster**
Staff Assistant ta
Vice President, Manufacturing

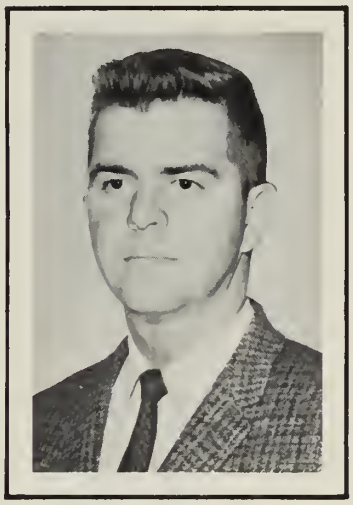
**Paul Farmer**
Mgr.—Faster Praduct Sales

**David Stone**
Draftsman

**Chester Faunce**
Salesman—Foster Products

**Eugene A. Birdsall**
Erectar

**Gordan Bliss**
Sr. Project Engineer



**Bernard Hill**
Supervisar—Sample Winding

**Anthany Ganzalez**
Sr. Project Engineer

**Albert K. Cormier**
Coordinator—Repair Parts

**Rabert Kendall**
Sr. Project Engineer

**Michael Gonzalez**
Draftsman

**David Arkoette**
Analyst—Parts List

# Honor Roll

## October, 1964

Alfred J. DeJordy
Packing, Shipping & Receiving
25 Years

Vartouki R. Onanian
Chucking
25 Years

Marcel Lustenberger
Inspection
25 Years

Donald L. Sangster
Manufacturing Manager's Staff
25 Years

John B. Davenport
Synthetic Filament Sales
25 Years

Roy S. Lermond
Tool Room
25 Years

Horvey Depotie
Tool Room
25 Years

Bror Fritz Swanson
Cutter Grinding
25 Years

Edgar Parent
Core Room
25 Years

Wm. Gordon Demague
Polishing
25 Years

Donald A. King
Product Development
25 Years

Rosaire Rajotte
Painting
25 Years

Walter Zaleski
Cast Iron Stock Raam
25 Years

Theadare A. Bissan
Purchasing
25 Years

Nichalas Creasia
Faundry
25 Years

Danald H. Amiro
Mfg. Planning Engineering
25 Years

Pauline Machata
Tap Ralls
25 Years

Lawrence J. Malaney
Care Room
25 Years

Henry Rivet
Product Engineering
25 Years

Carl Hendrickson
Screw Machines
25 Years

## 25 Years

**Michael F. Bikes,** Sheet Metal

**George F. Ferry,** Painting

**Thomas H. McCallum,** Customer Demonstration

**Rocco Merolli,** Foundry

**Alfred H. Morin,** Tool Room

**Norman W. Stanley,** Lathe, Grinders

**Walter Szerlag,** Tool Room

## 20 Years

**James E. Sharkey,** Roving Erecting

## 15 Years

**Arthur Vincent,** Office Management

## 10 Years

**Stanley Laughlin,** Whitin International Ltd.

## 5 Years

**Raymond E. Avery,** Electrical Maintenance

**Albert O. Brunelle,** Rings

**Vasil Carabina,** Milling

**Philiberte A. Collins,** Control Accounting

**William Ted Cox,** Outside Erecting

**Lionel J. Crockett,** Cast Iron Cleaning

**Walter O. Ellis,** Chucking

**Norman F. Garrett,** Executive Offices

**Arlene M. Kurowski,** Control Accounting

**Ovila Rondeau,** Painting & Sanitation

**Thomas P. Shea,** Industrial Relations

**Robert Spearman,** Foundry

**Willard Sullivan,** Foundry

**Laurent P. Tetreault,** Cast Iron Cleaning

**Lionel Vandal,** Painting & Sanitation

**Walter L. Weseluk,** Spinning & Twister Stores (Storesrooms 5, 16, 32)

# News Roundup

## Orin L. Pearce Appointed Product Engineer

Mr. Orin L. Pearce, of Kingston, Ontario, has joined the Synthetic Filament Machinery Department as a Product Engineer, reporting to Mr. John C. Maull.

In May, 1951, Mr. Pearce graduated with honors from the University of British Columbia, Vancouver, B.C., obtaining a Bachelor of Science degree in Mechanical Engineering.

His past experience was in the field of design, procurement and installation of Draw Twisters as a Senior Design Engineer with duPont of Canada and Canadian Industries, Ltd., at the nylon plant, Kingston, Ontario.

From 1942 to 1945, he served in the Air Force. He was engaged in aircraft electrical maintenance and installation of anti-submarine devices and rocket bombs on coastal patrol bombers.

In 1946, he and the former Marguerite R. Monkman were married. They have two children, Bruce W., 12, and Carol L., 10. He has been active in community affairs in Kingston and is past president of the Property Owners Association. He has a membership in the Engineering Institute of Canada and served a term as a member of the branch's executive committee. He was an active member of the United Church of Canada. He served on the church's Committee of Stewards for 6 years and was Church Treasurer for 3 years.

In the Spring, Mr. Pearce plans to build a new home for his family on Goldthwaite Road, Whitinsville.

## RECEIVE LETTER FROM LADY BIRD

When George and Cheryl Gleason, son and daughter of Laurel and Oscar Asadoorian, sent a letter and a picture post card of the Village Congregational Church, Whitinsville, to President Johnson, they received the following reply from Lady Bird:

THE WHITE HOUSE
WASHINGTON

October 20, 1964

Dear George and Cheryl:

The President has asked me to thank you for your lovely letter. It touches us deeply to learn that you are remembering us in your prayers. This knowledge is a source of strength and confidence for the President.

Most sincerely,

Lady Bird Johnson

Mrs. Lyndon B. Johnson

George and Cheryl Gleason
7 Linden Street
Whitinsville, Massachusetts

## Service Pin Gems Make Attractive Dinner Ring

When Bill and Edith Baszner celebrated their 27th wedding anniversary on June 26, Edith received a gift from her husband that was so special there is no other like it. It was a gold dinner ring set with 6 emeralds, 10 diamonds, 4 rubies and a pearl. The ring was designed by a local jeweler. The ten diamonds came from a Whitin Service pin which had been presented years ago to Bill's grandfather, Maurice Walsh in recognition of 50 years of continuous service. The six emeralds and 4 rubies came from service pins Bill received from Whitin for 20 years and 30 years of service. The reproduction above merely shows the design of the ring. It has to be seen to be appreciated.

Richard A. Coleman

## ELIZABETHTOWN BOARD ADDS R. A. COLEMAN

Richard A. Coleman, president of J. D. Ferry Co., Inc., of Harrisburg, was elected to the Board of Associates of Elizabethtown College during a meeting of the College's Board of Trustees in October.

The Board of Associates acts in an advisory capacity to the Board of Trustees in determining broad college policy.

Coleman, who retired as president of Blough Manufacturing Co., of Harrisburg, in 1945, re-entered active business in 1949 as executive vice president of J. D. Ferry and served in that capacity until 1961, when he became president. He is also a director of the Whitin Machine Works, of Whitinsville, Mass., of which J. D. Ferry is a division.

Gerard N. Brouillette has been appointed Assistant Foreman Side Floor and Sandslinger

Robert McKee has been appointed Assistant to General Foreman—Molding

## Whitin Directors Hold Special Meeting in Greenville

The Board of Directors, Whitin Machine Works, held a special meeting in Greenville, S.C., on October 9, marking the first time in the company's 133-year history that the Board has met away from the company's premises. The meeting was held in the Board Room of the Daniel Construction Company, 429 North Main Street, Greenville, S.C. Mr. Buck Mickel, Executive Vice President of the Daniel company, is a new member of Whitin's Board.

Highlight of the Directors' visit to Greenville was their attendance at, and inspection of, the tremendous 23rd Southern Textile Exposition in the new and mammoth Textile Hall.

In addition to Mr. Mickel, the other Directors of the Company are: Mr. John H. Bolton, Jr., Vice President, Marketing, Whitin Machine Works, Whitinsville, Mass.; Mr. Edward L. Bowles, General Consultant to the President, Raytheon Co., Waltham, Mass.; Mr. Richard A. Coleman, President, J. D. Ferry Co., Inc., Harrisburg, Penna.; Mr. George D. Everett, Chairman, The Merrill Trust Co., Bangor, Maine; Mr. Norman F. Garrett, President, Whitin Machine Works, Whitinsville, Mass.; Mr. Curtis M. Hutchins, Chairman, Dead River Co., Bangor, Maine; Mr. Murray W. Keeler, Vice President, Trade Relations, Whitin Machine Works, Whitinsville, Mass.; Mr. James M. Wells, Asst. to the President, Steel Services, Inc., Cleveland, Ohio; Mr. Vaughn E. West, Treasurer, Whitin Machine Works, Whitinsville, Mass.; and, Mr. Alfred S. Woodworth, First Vice President, State Street Bank and Trust Co., Boston, Mass.

MYSTERY PHOTO—Jae Branigan, of Product Engineering, on the left, was the Drummer Boy shown in the November PROFILE. Friends of the young man on the right should have no difficulty with this photo

## *Yule Stockings, Pawnbrokers' Signs Had Common Beginning*

Curiously enjoying a common origin, Christmas stockings and pawnbrokers' signs look to the first "Santa" for their birth.

It all began when the generous fourth century Bishop of Myra in Asia Minor, better known as St. Nicholas, decided to secretly help a merchant who had lost all his money, and had no means of providing dowries for his three daughters of marrying age.

As legend has it, one Christmas, the spry churchman climbed to the roof of the merchant's house to avoid being seen and dropped a bag of gold down the chimney. The bag accidentally fell into a stocking that had been hung on the mantle to dry—and thus, the way was paved for the renowned Christmas custom.

The good St. Nick continued the same generous scheme for the following two years to insure that all the merchant's daughters would be married. On his third mission, St. Nicholas encountered the, by now, curious merchant who was on the lookout for his benefactor.

From that point on the story of St. Nick's generosity spread far and wide. Pictures of the saint showed him with three bags of gold.

It was not long before money-lenders in Northern Italy took him as their patron and employed the sign of the three gold balls. The sign was later "borrowed" by pawnbrokers and it is still in use today.

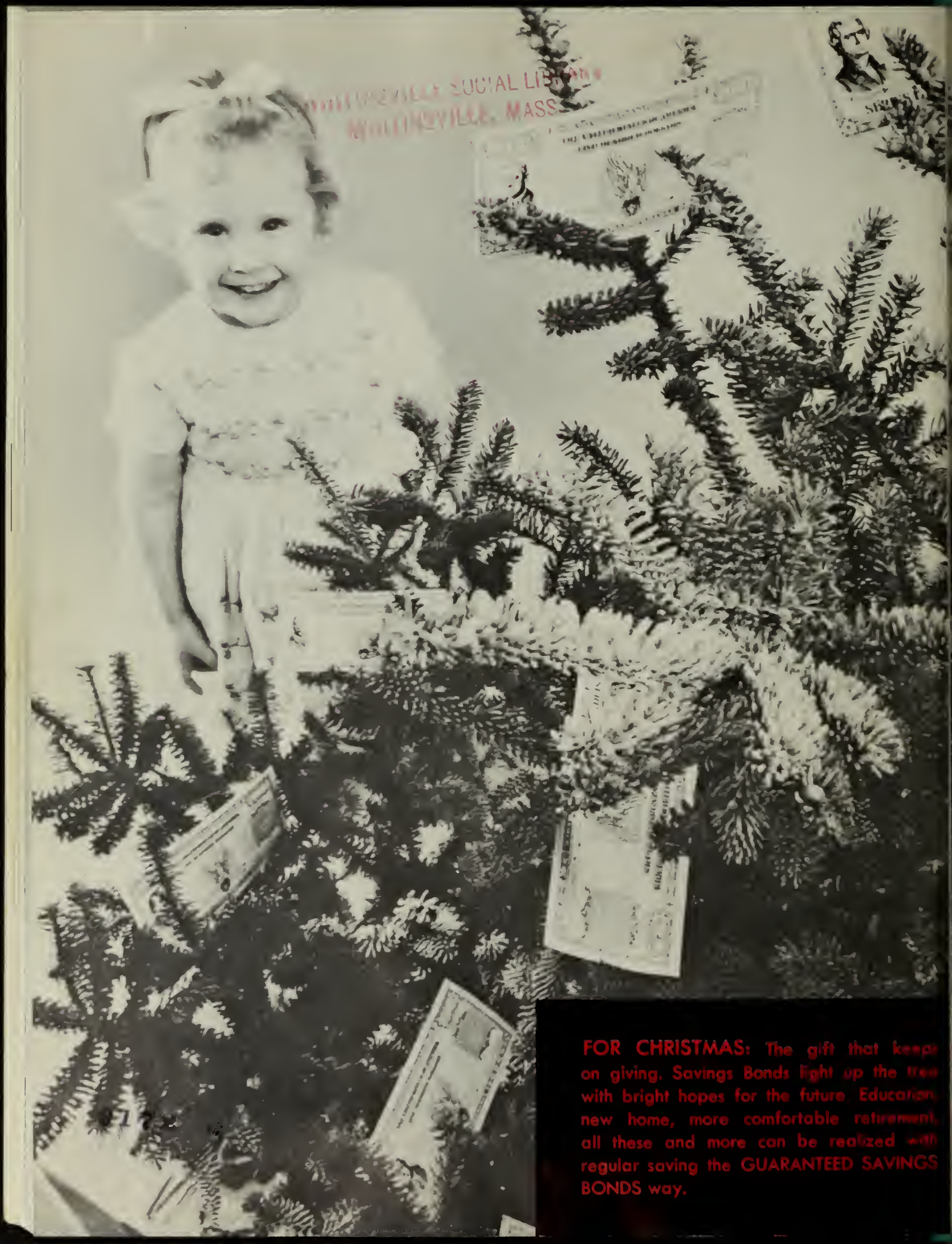
## *5 RETIRE AT WHITIN*

Andre P. Labbe, 29 years
Aram Chasse, 23 years
Edward P. Marier, 22 years
George A. Demers, 16 years
William W. Smith, 16 years

## In Memoriam

Chester R. Greenwood, 78, a Whitin employee for 52 years, died on October 16. Before retiring in 1960, he was an erecting inspector.

Louis Hanson, 68, died on October 27. He was employed at Whitin for 44 years, much of that time as a foreman. He retired in 1957.



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WOLLASTON, MASS.

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